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General Bibliography Series
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Curriculum

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1460 West Lane Avenue
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(9) 10 00 67 (10) 3
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10. SE 003 578 09 05 68 03 13 14 3 00 000 442
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13. SE 003 580 09 10 68 02 95 21 1 00 000 199
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30. SE 002 469 07 08 68 03 55 29 1 00 000 008
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34. SE 002 016 06 04 68 02 92 17 2 22 000 319
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35. SE 003 546 04 18 68 02 92 20 1 00 000 006
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*ACADEMIC ACHIEVEMENT, *CURRICULUM DEVELOPMENT, *DISSERTATIONS, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *STUDENT CHARACTERISTICS, COMPARATIVE ANALYSIS, PHYSICAL SCIENCE STUDY COMMITTEE, COOPERATIVE PHYSICS TEST, PHYSICAL SCIENCE STUDY COMMITTEE FINAL EXAMINATION, 1966

37. SE 002 316 03 20 68 03 82 29 1 00 000 007
BIKLE, CHARLES L.
1966 INTERNATIONAL YOUTH SCIENCE FORTNIGHT AND EUROPEAN TOUR

THE SCIENCE TEACHER

01 00 67 2
*CULTURAL EDUCATION, *EDUCATIONAL TOURS, *FOREIGN TRAVEL, EDUCATIONAL PROGRAMS, PROGRAM DESCRIPTIONS, SECONDARY SCHOOL SCIENCE, SCIENCE EDUCATION, INTERNATIONAL YOUTH SCIENCE FORTNIGHT, NATIONAL SCIENCE TEACHERS ASSOCIATION

38. SE 003 596 07 11 68 02 91 22 1 00 000 006
BINGHAM, N. ELDRED
A STUDY MADE IN HILLSBOROUGH COUNTY FLORIDA TO DETERMINE WHAT SCIENCE TO TEACH IN THE JUNIOR HIGH SCHOOL

SCIENCE EDUCATION

04 00 63 11
*CURRICULUM, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, *SECONDARY SCHOOL SCIENCE, BIOLOGY, EARTH SCIENCE, GENERAL SCIENCE, PHYSICAL SCIENCES, SCIENTIFIC CONCEPTS, TEXTBOOKS, FLORIDA, HILLSBOROUGH COUNTY

39. SE 003 595 07 11 68 19 92 22 1 00 000 006
BINGHAM, N. ELDRED
WORKING COOPERATIVELY, SCIENCE TEACHERS, SCIENTISTS, AND SCIENCE EDUCATORS PRODUCE PROGRAM WHICH SIGNIFICANTLY IMPROVES ACHIEVEMENT IN SCIENCE IN THE JUNIOR HIGH SCHOOLS OF .......

SCIENCE EDUCATION

04 00 63 7
*ACHIEVEMENT, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *EDUCATIONAL NEEDS, *EARTH SCIENCE, *PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CURRICULUM, GRADE 7, GRADE 8, GRADE 9, INSTRUCTION, FLORIDA, HILLSBOROUGH COUNTY

40. SE 002 209 02 07 68 04 12 17 3 51 000 178
BIOLOGICAL SCIENCES CURRICULUM STUDY - BSCS NEWSLETTER NO. 30

BIOLOGICAL SCIENCES CURRICULUM STUDY, UNIVERSITY OF COLORADO, BOULDER

01 00 67 25
*BIOLOGY, *EVALUATION, *SECONDARY SCHOOL SCIENCE, *TEACHER BEHAVIOR, BIBLIOGRAPHIES, CURRICULUM DEVELOPMENT, CURRICULUM EVALUATION, NEWSLETTERS, STUDENT BEHAVIOR, SCIENCE COURSE IMPROVEMENT PROJECT, BIOLOGICAL SCIENCES CURRICULUM STUDY, THE PSYCHOLOGICAL CORPORATION, COMPREHENSIVE FINAL EXAMINATION (BSCS), DAVIS READING TEST, ILLINOIS NATURAL SCIENCE READING COMPREHENSIVE EXAMINATION, DIFFERENTIAL APTITUDE TEST (DAT), QUARTERLY ACHIEVEMENT TESTS (BSCS), BLUE VERSION, YELLOW VERSION, GREEN VERSION

41. SE 003 163 03 04 68 02 32 20 1 00 000 412
BLACK, H. T.
PSSC - PHYSICS IN INDIANA

COLLEGE JOURNAL

03 00 62 3
*CURRICULUM DEVELOPMENT, *COURSE OBJECTIVES, *EDUCATIONAL PROGRAMS, *PAPERS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, TEACHER EDUCATION, ENROLLMENT, STUDENT ENROLLMENTS, PHYSICAL SCIENCE STUDY COMMITTEE, INDIANA, 1961

42. SE 002 248 02 07 68 02 15 20 1 00 000 016
BOROVITSKII, P. I.
THE ESTABLISHED SYSTEM OF BIOLOGY INSTRUCTION MUST BE IMPROVED

SOVIET EDUCATION

12 00 63 4
*BIOLOGY, *COURSE CONTENT, *CURRICULUM *ELEMENTARY SCHOOL SCIENCE, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, BOTANY, EDUCATIONAL PROBLEMS, EVOLUTION, GEOLOGY, NATURE STUDY, ZOOLOGY, RUSSIA

43. SE 002 371 02 14 68 03 82 17 1 22 000 319
BOST, BILL A.
A COMPARATIVE STUDY OF SELECTED NATIONAL SCIENCE FOUNDATION SUMMER SCIENCE TRAINING PROGRAMS FOR SECONDARY SCHOOL STUDENTS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 204
*ABLE STUDENTS, *ACADEMIC ACHIEVEMENT, *EDUCATIONAL PROGRAMS, *MATHEMATICS, *PROGRAM COSTS, *PROGRAM EVALUATION, *RESEARCH REPORTS, *SECONDARY SCHOOL STUDENTS, *SUMMER PROGRAMS, DOCTORAL THESES, TEACHER BACKGROUND, 1961, THE DAVIS TEST OF FUNCTIONAL COMPETENCE IN MATHEMATICS, THE COOPERATIVE CHEMISTRY TEST, THE COOPERATIVE PHYSICS TEST, SEQUENTIAL TEST OF EDUCATIONAL PROGRESS, THE OTIS QUICK SCORING MENTAL ABILITY TEST, GEORGE PEABODY COLLEGE FOR TEACHERS, NATIONAL SCIENCE FOUNDATION

44. SE 003 674 04 30 68 02 12 20 1 00 000 006
BOULOS, SAMI I.
USING THE SCIENTIFIC APPROACH IN CONSTRUCTING A COURSE IN BIOLOGY FOR THE SENIOR HIGH SCHOOLS IN EGYPT

SCIENCE EDUCATION

12 00 62 6
*BIOLOGY, *CURRICULUM DEVELOPMENT, *COURSE ORGANIZATION, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, COURSE CONTENT, EGYPT, 1960

45. SE 002 018 11 02 67 02 22 17 2 22 000 319
BOVELL, ROBERT ROLAND
RECENT DEVELOPMENTS IN HIGH SCHOOL CHEMISTRY IN THE UNITED STATES - SOME IMPLICATIONS FOR WESTERN AUSTRALIA

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

65 429
*CURRICULUM, *CHEMISTRY, *DISSERTATIONS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, CHEMICAL BOND APPROACH CHEMISTRY, CHEMICAL EDUCATION MATERIALS STUDY CHEMISTRY, 1965, AUSTRALIA, UNITED STATES

46. SE 003 562 06 05 68 02 82 20 1 00 000 006
BOWLES, JOSEPH E. AND OTHERS
THE TRAVELING SCIENCE TEACHER LECTURE DEMONSTRATION PROGRAM

SCIENCE EDUCATION

10 00 62 3
*CURRICULUM *EDUCATIONAL PROGRAMS, *PROGRAM OBJECTIVES, *PROFESSIONAL SERVICES, *RESOURCE MATERIALS, *SCIENCE TEACHERS, SCIENCE EQUIPMENT, TEACHING PROCEDURES, TEACHER EDUCATION, NATIONAL SCIENCE FOUNDATION, ATOMIC ENERGY COMMISSION, MICHIGAN STATE UNIVERSITY, OKLAHOMA STATE UNIVERSITY, UNIVERSITY OF OREGON, TRAVELLING SCIENCE LECTURE-DEMONSTRATION PROGRAM

47. SE 002 014 03 06 68 02 95 17 2 22 000 319
BOWLES, JOSEPH ESMOND
A STUDY OF SCIENCE PROGRAMS IN GRADES SEVEN, EIGHT AND NINE OF MICHIGAN PUBLIC SCHOOLS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 166
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, ADMINISTRATION, SUPERVISION, COURSE CONTENT, DOCTORAL THESES, INSERVICE EDUCATION, INSTRUCTION, SCIENCE COURSES, TEACHER EDUCATION, 1964, MICHIGAN

48. SE 003 577 04 30 68 03 91 20 1 00 000 010
BRADLEY, HELEN P.
SCIENCE - THE WORLD OPENS FOR HEAD START CHILDREN

SCIENCE AND CHILDREN

11 00 67 2
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, *PHYSICAL SCIENCE,BIOLOGY, HEADSTART

49. SE 003 111 07 20 68 03 00 37 3 51 000 279
BRAHAM, RANDOLPH L.
ISRAEL - A MODERN EDUCATION SYSTEM
EDRS, NATIONAL CASH REGISTER COMPANY

66 198
*CURRICULUM, *ELEMENTARY EDUCATION, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, *SECONDARY EDUCATION, *TEACHER EDUCATION, ADMINISTRATION, ADULT EDUCATION, AGRICULTURE, BIBLIOGRAPHIES, EDUCATIONAL OBJECTIVES, UNIVERSITIES, VOCATIONAL EDUCATION, TEACHING METHODS

50. SE 003 749 06 06 68 02 82 37 3 51 000 239
BRANDWEIN, PAUL F.
BUILDING CURRICULAR STRUCTURE FOR SCIENCE WITH SPECIAL REFERENCES TO THE JUNIOR HIGH SCHOOL
EDRS, NATIONAL CASH REGISTER COMPANY

67 23
*BOOKLETS, *CURRICULUM, *JUNIOR HIGH SCHOOLS, *SECONDARY SCHOOL SCIENCE, CURRICULUM DEVELOPMENT, CURRICULUM PLANNING, NATIONAL SCIENCE TEACHERS ASSOCIATION, NATIONAL EDUCATION ASSOCIATION, 1967

51. SE 002 986 09 04 68 03 86 32 1 05 000 379
BREEN, KATHLEEN F.
CHANGING SCHOOLS
RESEARCH AND DEVELOPMENT DIVISION, LOS ANGELES, CALIFORNIA

08 00 67 6
*CURRICULUM DEVELOPMENT, *COOPERATIVE PROGRAMS, *EDUCATIONAL CHANGE, *NEWSLETTERS, RESEARCH AND DEVELOPMENT CENTERS, CHANGE AGENTS, EDUCATIONAL RESEARCH, INSTRUCTIONAL MATERIALS, INDIVIDUALIZED INSTRUCTION, INFORMATION SERVICES, INSTRUCTION, LEARNING, TEACHER EDUCATION, IDEA, CHANGING SCHOOLS

52. SE 003 407 09 16 68 07 12 20 1 00 000 412
BRETT, WILLIAM J.
BIOLOGICAL SCIENCES CURRICULUM STUDY BIOLOGY
COLLEGE JOURNAL

03 00 62 4
*BIOLOGY, *CURRICULUM, *SECONDARY SCHOOL SCIENCE, GRADE 9, GRADE 10, INSTRUCTION, INSTRUCTIONAL MATERIALS, TEACHER EDUCATION, BIOLOGICAL SCIENCES CURRICULUM STUDY

53. SE 003 581 09 10 68 02 12 20 1 00 000 199
BREUKELMAN, JOHN
BIOLOGICAL SCIENCES CURRICULUM STUDY BIOLOGY IN THE NETHERLANDS

BIOLOGICAL SCIENCE

03 00 65 2
*BIOLOGY, *CURRICULUM, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, NETHERLANDS

54. SE 003 289 04 18 68 02 92 20 2 00 000 052
BROWN, H. EMMETT
SCIENCE IN THE NEW SECONDARY SCHOOLS

TEACHERS COLLEGE RECORD

34 7
*CURRICULUM, *CHEMISTRY, *EDUCATIONAL OBJECTIVES, *PHYSICS, *PHYSICAL SCIENCES, UNIFIED SCIENCE, COURSE OBJECTIVES, SCIENCE EDUCATION HISTORY, SCIENCE COURSES, SECONDARY SCHOOL SCIENCE

55. SE 002 213 07 08 68 03 33 06 3 21 000 154
BROWN, SANBORN C. AND CLARKE, NORMAN
THE EDUCATION OF A PHYSICIST

MIT PRESS

66 185
*CONFERENCE REPORTS, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GRADUATE STUDY, *INTERNATIONAL EDUCATION, *MATHEMATICS EDUCATION, *PHYSICS, *PHYSICAL SCIENCE, *PROFESSIONAL EDUCATION, *SCIENTISTS, *UNDERGRADUATE STUDY, CURRICULUM, ENGINEERING EDUCATION, GOVERNMENT ROLE, INDUSTRY, RESEARCH, SCIENCE EDUCATION, TEACHING TECHNIQUES, LONDON

56. SE 003 828 06 05 68 02 32 29 1 00 000 007
BUDD, ROBERT L.
CLASSROOM IDEAS - PHYSICS ELECTRONICS IN THE PHYSICS LAB

THE SCIENCE TEACHER

12 00 67 4
*CURRICULUM, *COURSE DESCRIPTIONS, *ELECTRONICS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *SCIENCE EQUIPMENT, *SCIENCE COURSES, NATIONAL DEFENSE EDUCATION ACT

57. SE 003 969 06 10 68 02 92 20 2 00 000 100
BUEHRING, LEO E.
SENIOR HIGH SCHOOLS IN 57 DISTRICTS AND 38 STATES REPORT OUTSTANDING PRACTICES AND SIGNIFICANT TRENDS IN THE TEACHING OF THE SCIENCES

NATION'S SCHOOLS

02 00 60 13
*CURRICULUM, *SECONDARY SCHOOL SCIENCE, BIOLOGY, COURSE CONTENT, COCURRICULAR ACTIVITIES, INSTRUCTION, PHYSICS, SCIENCE FACILITIES, SLOW LEARNERS, SCIENCE EQUIPMENT, SCIENCE FAIRS, TEACHING METHODS, TEACHER RESOURCES, TEACHING MATERIALS, TEACHER EVALUATION, TEACHER CHARACTERISTICS

58. SE 002 807 02 22 68 03 95 20 1 00 000 006
BULLINGTON, ROBERT ADRIAN
AFRICAN EDUCATION IN NORTHERN RHODESIA

SCIENCE EDUCATION

10 00 64 7
*INTERNATIONAL EDUCATION, *COLLEGE SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY EDUCATION, *GENERAL EDUCATION, *PUBLIC EDUCATION, *SECONDARY EDUCATION, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, CURRICULUM, EDUCATIONAL REQUIREMENTS, EXAMINATIONS, IN-SERVICE EDUCATION, TEACHERS, TEACHER SALARIES, TEXTBOOKS, AGENCY FOR INTERNATIONAL DEVELOPMENT, UNITED STATES DEPARTMENT OF STATE, AFRICA, NORTHERN RHODESIA

59. SE 002 832 04 05 68 02 95 20 1 00 000 006
BULLINGTON, ROBERT ADRIAN
SCIENCE EDUCATION IN CAMBODIA

SCIENCE EDUCATION

04 00 64 9
*CURRICULUM, *EDUCATIONAL PROGRAMS, *EDUCATIONAL PROBLEMS, *INTERNATIONAL EDUCATION, *SCIENCE EDUCATION, *TEACHING METHODS, *TEACHER EDUCATION, BIOLOGY, CHEMISTRY, ELEMENTARY EDUCATION, ELEMENTARY SCHOOL SCIENCE, GEOLOGY, HIGHER EDUCATION, PHYSICS, STUDENT ENROLLMENT, SECONDARY EDUCATION, CAMBODIA

60. SE 002 017 10 26 67 02 22 17 2 22 000 31
BUNGERT, WILLIAM CHARLES
EFFECTS OF THE CHEMICAL EDUCATION MATERIALS STUDY CURRICULUM ON THE TEACHING OF HIGH SCHOOL CHEMISTRY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 222
*CHEMISTRY, *CURRICULUM, *CURRICULUM DEVELOPMENT, *DISSERTATIONS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *TEACHER ATTITUDES, EVALUATION, EDUCATIONAL OBJECTIVES, INDUCTIVE METHODS, PROBLEM SOLVING, SURVEY, TEACHER EDUCATION, CHEM STUDY, 1964

61. SE 002 251 09 18 67 02 12 21 1 00 000 078
BUTTERFIELD, CHARLES AND WHITE, PRESTON
NEW HIGH SCHOOL BIOLOGY COURSE IN THE LIGHT OF EXPERIENCE

SCIENCE

05 00 64 2
*COURSE CONTENT, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CURRICULUM DEVELOPMENT, LETTERS, TEXTBOOKS, BIOLOGICAL SCIENCES CURRICULUM STUDY

62. SE 002 863 08 30 68 02 81 17 2 43 000 287
BUTTS, DAVID P.
THE RELATIONSHIP BETWEEN CLASSROOM EXPERIENCES AND CERTAIN STUDENT CHARACTERISTICS

UNIVERSITY OF TEXAS, AUSTIN

02 00 67 10
*ACHIEVEMENT, *ELEMENTARY SCHOOL SCIENCE, *GRADE 4, *GRADE 5, *GRADE 6, *RESEARCH REPORTS, *STUDENT CHARACTERISTICS, BEHAVIOR, INTELLIGENCE, STUDENT ATTITUDES, SCIENTIFIC ATTITUDES, CONTRACT OE-6-10-108, RESEARCH AND DEVELOPMENT CENTER FOR TEACHER EDUCATION, UNIVERSITY OF TEXAS, OFFICE OF EDUCATION, U.S. DEPARTMENT OF HEW, SCIENCE - A PROCESS APPROACH, AUSTIN, TEXAS, CALIFORNIA MENTAL MATURITY TEST, TAB SCIENCE TEST, SEQUENTIAL TEST OF EDUCATIONAL PROGRESS, METROPOLITAN ACHIEVEMENT TEST, SEQUENTIAL TEST OF EDUCATIONAL PROGRESS LISTENING TEST, GUILFORD FACTOR, COMMON SITUATIONS AND SHORT WORDS, GUILFORD FACTOR, COMMON SITUATIONS AND SHORT WORDS, GUILFORD FACTOR-RHYMES, SEMANTIC DIFFERENTIAL

63. SE 002 258 04 18 68 02 92 20 1 00 000 093
CALANDRA, ALEXANDER
THE NEW SCIENCE CURRICULUMS - A SHARP DISSENT

SCHOOL MANAGEMENT

11 00 64 8
*BIOLOGY, *CHEMISTRY, *CURRICULUM EVALUATION, *EDUCATIONAL PROGRAMS, *CURRICULUM DEVELOPMENT, *PHYSICS, *SECONDARY SCHOOL SCIENCE, CURRICULUM, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL NEEDS, MATHEMATICS, SCIENCE COURSE IMPROVEMENT PROJECT, STUDENT ACTIVIIES, TEACHER ATTITUDES, PHYSICAL SCIENCE STUDY COMMITTEE, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, BIOLOGICAL SCIENCES CURRICULUM STUDY

64. SE 003 715 08 30 68 02 32 17 2 51 000 280
CALANDRA, ALEXANDER
A PROJECT IN THE TEACHING AND DEVELOPMENT OF AN INTEGRATED PHYSICS - ALGEBRA COURSE AT THE NINTH GRADE LEVEL

U.S. OFFICE OF EDUCATION, COOPERATIVE RESEARCH PROJECT, WASHINGTON D.C.

59 139
*ALGEBRA, *MATHEMATICS, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, CURRICULUM, COURSE DESCRIPTIONS, COURSE OBJECTIVES, EDUCATIONAL PROGRAMS, GEOMETRY, GRADE 9, INSTRUCTION, INTEGRATED CURRICULUM, SECONDARY SCHOOL MATHEMATICS, SCIENCE COURSE IMPROVEMENT PROJECT, TRIGONOMETRY, WASHINGTON UNIVERSITY, LANKTON FIRST YEAR ALGEBRA TEST FORM AM, 1960, DUNNING PHYSICS TEST

65. SE 003 148 09 09 68 02 92 20 1 00 000 093
CALANDRA, ALEXANDER AND COLBY, EDWARD
THE NEW SCIENCE CURRICULUMS

SCHOOL MANAGEMENT

11 00 64 11
*CURRICULUM, *CURRICULUM EVALUATION, *EDUCATIONAL OBJECTIVES, *PROGRAM EVALUATION, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, MATHEMATICS, PHYSICS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL STUDY SCIENCE COMMITTEE

66. SE 003 167 03 04 68 02 82 29 1 00 000 413
CALMUS, ABRAHAM
INDUSTRIAL ARTS IS VITAL IN A CREATIVE SCIENCE PROGRAM

SCHOOL SHOP

01 00 61 5
*CURRICULUM, *SECONDARY SCHOOL SCIENCE, CREATIVITY, COURSE DESCRIPTIONS, EDUCATIONAL PROGRAMS, GRADE 11, GRADE 9, INSTRUCTION, INDUSTRIAL ARTS, MOTIVATION, PROGRAM DESCRIPTIONS, SCIENCE PROJECTS, BRONX HIGH SCHOOL OF SCIENCE, NEW YORK

67. SE 003 405 09 04 68 02 22 20 1 00 000 096
CAMPBELL, J. A.
CHEMISTRY - AN EXPERIMENTAL SCIENCE

SCHOOL REVIEW

62 7
*CURRICULUM, *CURRICULUM DEVELOPMENT, *CHEMISTRY, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, COURSE DESCRIPTIONS, INSTRUCTIONAL MATERIALS, INSTRUCTION, PAPERS, SCIENCE ACTIVITIES, SCIENCE COURSES, CHEMICAL EDUCATION MATERIALS STUDY

68. SE 003 366 09 12 68 02 92 17 2 00 000 096
CAMPBELL, ROALD F. AND BUNNELL, ROBERT A.
DIFFERENTIAL IMPACT OF NATIONAL PROGRAMS ON SECONDARY SCHOOLS

SCHOOL REVIEW

63 14
*COURSE CONTENT,*CURRICULUM, *NATIONAL PROGRAMS, *PROGRAM EFFECTIVENESS, *RURAL URBAN DIFFERENCES, *SECONDARY EDUCATION, CURRICULUM DEVELOPMENT, FOREIGN LANGUAGES, MATHEMATICS, OCCUPATIONAL INFORMATION, RESEARCH REPORTS, SCIENCE EDUCATION, TEACHER EDUCATION, SCIENCE INSTITUTES, UNIVERSITY OF CHICAGO, FORD FOUNDATION, NATIONAL SCIENCE FOUNDATION, COLLEGE ENTRANCE EXAMINATIONS BOARD, NATIONAL MERIT SCHOLARSHIP CORPORATION, NATIONAL DEFENSE EDUCATION ACT, UNITED STATES BUREAU OF CENSUS

69. SE 003 601 07 11 68 02 92 17 1 00 000 006
CANTRELL, SUE ROWE AND CALDWELL, LOREN T.
A SELECTION AND EVALUATION OF PHYSICS AND CHEMISTRY CONCEPTS TO BE USED IN THE SEVENTH AND EIGHTH GRADE SCIENCE PROGRAM

SCIENCE EDUCATION

04 00 63 7
*CHEMISTRY, *CURRICULUM DEVELOPMENT, *EVALUATION, *HIGH ACHIEVERS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC CONCEPTS, *TEXTBOOKS, *TEXTBOOK EVALUATION, ACADEMIC ABILITY, CURRICULUM, ELEMENTARY SCHOOL SCIENCE, GRADE 7, GRADE 8, GRADE 9, GENERAL SCIENCE, RESEARCH REPORTS, SCIENCE COURSE IMPROVEMENT PROJECT, 1960

70. SE 003 826 04 19 68 02 95 20 1 00 000 007
CARLETON, ROBERT H.
SCIENCE EDUCATION IN THE MIDDLE OF JUNIOR HIGH SCHOOL GRADES

THE SCIENCE TEACHER

12 00 67 5
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *JUNIOR HIGH SCHOOL, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, COURSE CONTENT, EDUCATIONAL OBJECTIVES, GENERAL SCIENCE, INSTRUCTION, PHYSICS, PHYSICAL SCIENCES

71. SE 003 966 09 09 68 02 95 20 2 00 000 100
CARLETON, ROBERT H. AND RENNER, JOHN W.
A PLAN FOR QUALITY IN SCIENCE EDUCATION

NATION'S SCHOOLS

02 00 60 5
*CURRICULUM PLANNING, *CURRICULUM DEVELOPMENT, *EDUCATIONAL OBJECTIVES, *SCIENCE SUPERVISION, *SCIENCE EDUCATION, *TEACHER EDUCATION, BIOLOGY, ELEMENTARY SCHOOL SCIENCE, GENERAL EDUCATION, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE, NATIONAL SCIENCE TEACHERS ASSOCIATION

72. SE 003 947 09 09 68 03 93 17 3 00 000 465
CARTTER, ALLAN M.
AN ASSESSMENT OF QUALITY IN GRADUATE EDUCATION

AMERICAN COUNCIL ON EDUCATION

66 131
*BIOLOGICAL SCIENCES, *EDUCATIONAL PROGRAMS, *EVALUATION, *ENGINEERING, *GRADUATE STUDY, *HUMANITIES, *HIGHER EDUCATION, *PHYSICAL SCIENCES, *SOCIAL SCIENCES, COLLEGE TEACHERS, COMMISSION ON PLANS FOR HIGHER EDUCATION, AMERICAN COUNCIL ON EDUCATION

73. SE 003 630 06 05 68 02 29 20 1 00 000 006
CASSEL, RUSSELL N.
A PROPOSED EARTH AND SPACE SCIENCE COURSE FOR HIGH SCHOOL STUDENTS

SCIENCE EDUCATION

02 00 63 3
*CURRICULUM, *EARTH SCIENCE, *EDUCATIONAL PROGRAMS. *SECONDARY SCHOOL SCIENCE, COURSE OBJECTIVES, COURSE CONTENT, METEOROLOGY, OCEANOLOGY, SCIENCE COURSES, LOMPOC, CALIFORNIA

74. SE 002 813 03 21 68 02 95 17 1 00 000 006
CHAPLIN, BASIL H. G.
THE RE-PLANNING OF JUNIOR SCIENCE EDUCATION IN WEST AFRICA

SCIENCE EDUCATION

10 00 64 [illegible]
*CURRICULUM. *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *EDUCATIONAL PROBLEMS, *INTERNATIONAL EDUCATION, *SCIENCE EDUCATION, *TEACHING METHODS, BIOLOGY, COMPARATIVE EVALUATION, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, PHYSICS, RESEARCH REPORTS, SECONDARY SCHOOL SCIENCE, WEST AFRICA

75. SE 002 818 04 05 68 02 42 17 1 00 000 006
CHAPMAN, JOHN M. AND CALDWELL, LOREN T.
A CONTENT STUDY OF EARTH SCIENCE COURSES IN SELECTED SECONDARY SCHOOLS

SCIENCE EDUCATION

12 00 64 8
*COURSE CONTENT, *CURRICULUM, *EARTH SCIENCE, *GRADE 9, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, RESEARCH METHODOLOGY, RESEARCH OPPORTUNITIES, TEACHER BACKGROUND, SCIENCE COURSES, 1962

76. SE 002 980 09 04 68 03 85 03 1 00 000 381
CHARLES, EDGAR B.
YOUTH IN RURALITY - A BIBLIOGRAPHY

CLEARINGHOUSE ON RURAL EDUCATION AND SMALL SCHOOLS

08 00 67 16
*BIBLIOGRAPHIES, *EDUCATIONAL PROGRAMS, *MINORITY GROUPS, *RURAL AREAS, *RURAL EDUCATION, *SOCIOECONOMIC INFLUENCES, AMERICAN INDIANS, AGRICULTURAL EDUCATION, ADULT EDUCATION, DISADVANTAGED YOUTH, ELEMENTARY SCHOOLS, ENVIRONMENTAL INFLUENCES, INSTRUCTIONAL MATERIALS, MEXICAN AMERICANS, MIGRANT EDUCATION, OCCUPATIONAL GUIDANCE, SECONDARY SCHOOLS, RURAL DROPOUTS, SUPERVISION, ERIC CLEARINGHOUSE ON RURAL EDUCATION AND SMALL SCHOOLS

77. SE 002 814 02 22 68 02 43 17 1 00 000 006
CHARLIER, ROGER H. AND DALEY, COURTLAND
REQUIREMENTS IN GEOLOGY DEPARTMENTS

SCIENCE EDUCATION

10 00 64 4
*COLLEGE SCIENCE, *CURRICULUM, *EDUCATIONAL PROGRAMS, *GEOLOGY, *UNDERGRADUATE STUDY, DEGREE PROGRAMS, EARTH SCIENCE, RESEARCH REPORTS, SURVEYS

78. SE 002 465 10 10 67 02 92 29 1 00 000 008
CHELDELIN, VERNON H. AND FIASCA, MICHAEL
A SYNTHESIS OF THE NEW CURRICULA IN PHYSICS AND CHEMISTRY FOR THE SECONDARY SCHOOL

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 5
*CHEMISTRY, *CURRICULUM DEVELOPMENT, *PHYSICS, *PROGRAM DESCRIPTION, *SCIENCE COURSE IMPROVEMENT PROJECT, *UNIFIED SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SECONDARY SCHOOL SCIENCE, PHYSICAL SCIENCE STUDY COMMITTEE, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PORTLAND CURRICULUM STUDY, PORTLAND, OREGON

79. SE 002 203 09 12 68 03 22 32 2 00 000 202
CHEMICAL EDUCATION MATERIALS STUDY - CHEMICAL EDUCATION MATERIALS STUDY NEWSLETTER

CHEMICAL EDUCATION MATERIALS STUDY, UNIVERSITY OF CALIFORNIA, LAWRENCE HALL, BERKELEY

05 00 67 6
*ACADEMIC ACHIEVEMENT, *CHEMISTRY, *COLLEGE ENTRANCE EXAMINATIONS, *CURRICULUM DEVELOPMENT, *INTERNATIONAL EDUCATION, *STUDENT ENROLLMENT, FILMS, NEWSLETTERS, TEACHER EDUCATION, CHEMICAL EDUCATION MATERIALS STUDY

80. SE 002 164 03 08 68 02 23 29 1 32 000 355
CHERONIS, NICHOLAS D.
SUMMARY OF TWO YEARS EXPERIENCE IN TEACHING CHEMISTRY TO SUPERIOR STUDENTS

BROOKLYN COLLEGE, NEW YORK

06 00 59 12
*ABLE STUDENTS, *ACCELERATION, *CHEMISTRY, *COLLEGE SCIENCE, *CURRICULUM, *EDUCATIONAL PROGRAM, *INDEPENDENT STUDY, *PROGRAM EVALUATION, *RESEARCH REPORTS, ORGANIC CHEMISTRY, PROGRAM DESCRIPTION, SECONDARY SCHOOL SCIENCE, STUDENT-TEACHER RELATIONSHIP, STUDENT CHARACTERISTICS, TEACHING METHODS, BROOKLYN COLLEGE, NEW YORK, 1959, TEST OF SCIENCE REASONING

81. SE 002 752 04 03 68 02 22 21 1 00 000 003
CHRISTEN, H. R.
LETTERS

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101. SE 003 816 09 06 68 03 83 25 2 51 000 152
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102. SE 003 647 09 10 68 02 92 17 1 00 000 006
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112. SE 002 321 08 24 67 03 52 20 1 00 000 007
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119. SE 002 774 08 22 68 02 71 15 2 44 000 480
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123. SE 002 159 03 06 68 02 92 29 1 00 000 038
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124. SE 002 219 03 08 68 03 85 29 1 00 000 011
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*CURRICULUM, *SCIENCE EDUCATION, SCIENCE FACILITIES, TEACHER EDUCATION, TEACHING METHODS, METHODS, RUSSIA, 1960

126. SE 002 808 02 22 68 03 92 29 1 00 000 006
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128. SE 003 153 07 10 68 02 95 29 1 00 000 059
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130. SE 003 066 02 27 68 05 92 31 1 00 000 007
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131. SE 003 566 03 04 68 03 23 29 1 00 000 003
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10 00 67 6
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133. SE 002 377 11 20 67 02 12 17 2 22 000 319
FLORA, CHARLES J.
MARINE BIOLOGY FOR HIGH SCHOOL SCIENCE

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

57 397
*BIOLOGY, *COURSE CONTENT, *INSTRUCTION, LABORATORY INSTRUCTION, MARINE BIOLOGY, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, DOCTORAL THESES, FIELD TECHNIQUES, TEACHING PROCEDURES, SCIENCE ACTIVITIES, TEACHING TECHNIQUES, 1957

134. SE 003 792 09 06 68 18 09 15 2 09 000 200
FLORIDA STATE DEPARTMENT OF EDUCATION
A GUIDE TO MATHEMATICS IN FLORIDA SECONDARY SCHOOLS

FLORIDA STATE DEPARTMENT OF EDUCATION

64 129
*CURRICULUM, *CURRICULUM GUIDES, *EDUCATIONAL OBJECTIVES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ALGEBRA, ADVANCED MATHEMATICS, GEOMETRY, STATE MATHEMATICS CURRICULUM GUIDE COMMITTEE, FLORIDA

135. SE 002 263 09 18 67 02 13 29 1 00 000 365
FORD, JAMES M.
AN IMPROVED BIOLOGY CURRICULUM, WITH FEWER COURSES

IMPROVING COLLEGE AND UNIVERSITY TEACHING

65 2
*BIOLOGY, *CURRICULUM DEVELOPMENT, COLLEGE SCIENCE, PROGRAM DESCRIPTIONS, SKAGIT VALLEY COLLEGE, WASHINGTON

136. SE 002 261 09 27 67 02 13 29 1 00 000 365
FORD, JAMES M.
INDEPENDENT STUDY IN TEACHING BIOLOGY

IMPROVING COLLEGE AND UNIVERSITY TEACHING

65 3
*BIOLOGY, *CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *INDEPENDENT STUDY, *INSTRUCTIONAL PROCEDURES, INDIVIDUAL STUDY, PROGRAM DESCRIPTIONS, SKAGIT VALLEY COLLEGE, WASHINGTON

137. SE 003 144 03 04 68 02 86 20 1 00 000 015
FOSHAY, ARTHUR W.
A MODEST PROPOSAL FOR THE IMPROVEMENT OF EDUCATION

EDUCATIONAL LEADERSHIP

05 00 61 7
*ADMINISTRATION AND SUPERVISION, *CURRICULUM, *CURRICULUM DEVELOPMENT, *EDUCATIONAL OBJECTIVES, INSTRUCTION, PAPERS, SPEECHES

138. SE 002 598 09 03 68 02 33 22 2 00 000 002
FOWLER, JOHN M.
PROGRESS REPORT OF THE COMMISSION ON COLLEGE PHYSICS

AMERICAN JOURNAL OF PHYSICS

09 00 66 28
*CONFERENCE REPORTS, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *PHYSICAL SCIENCES, *PHYSICS, *TEACHING TECHNIQUES, EDUCATIONAL OBJECTIVES, FILMS, INFORMATION DISSEMINATION, INSTRUCTIONAL MATERIALS, SCIENCE EQUIPMENT, SCIENCE MATERIALS, UNDERGRADUATE STUDY, AMERICAN ASSOCIATION OF PHYSICS TEACHERS, AMERICAN INSTITUTE OF PHYSICS, MIT SCIENCE TEACHING CENTER

139. SE 003 362 07 10 68 02 42 29 1 00 000 096
FOX, ROBERT P. AND ROBERTS, JOHN L.
DOWN TO EARTH SCIENCE AT SUBURBIA JUNIOR HIGH

SCHOOL REVIEW

63 7
*CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *EARTH SCIENCE, *FIELD TRIPS, *INSTRUCTION, *JUNIOR HIGH SCHOOL, *MUSEUM, COMMUNITY RESOURCES, EDUCATIONAL PROBLEMS, SCIENCE EDUCATION

140. SE 003 087 02 27 68 02 83 29 1 00 000 002
FRYSHMAN, BERNARD
PROCEEDINGS OF THE AMERICAN ASSOCIATION OF PHYSICS TEACHERS - LABORATORY COURSE FOR NONSCIENCE MAJORS

AMERICAN JOURNAL OF PHYSICS

01 00 67 1
*COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *GENERAL EDUCATION, *PHYSICS, *SCIENCE COURSES, PAPERS, UNDERGRADUATE STUDY, AMERICAN ASSOCIATION OF PHYSICS TEACHERS, NEW YORK, BROOKLYN COLLEGE, BROOKLYN

141. SE 003 887 09 09 68 02 93 17 1 00 000 003
FULLER, EDWARD C.
RECENT DEVELOPMENTS IN THE TEACHING OF MULTIDISCIPLINARY COURSES IN SCIENCE

JOURNAL OF CHEMICAL EDUCATION

09 00 67 3
*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *MULTIDISCIPLINARY COURSES, *SCIENCE COURSES, *STUDENT ENROLLMENTS, BIOLOGY, CHEMISTRY, GEOLOGY, MATHEMATICS, PHYSICS, RESEARCH REPORTS, ADVISORY COUNCIL ON COLLEGE CHEMISTRY

142. SE 002,427 09 18 67 03 82 17 2 00 000 008
GATEWOOD, CLAUDE W.
THE EFFECT OF THE OKLAHOMA STATE UNIVERSITY TRAVELING SCIENCE TEACHER PROGRAM ON THE ATTITUDES OF HIGH SCHOOL STUDENTS TOWARD SCIENCE AND SCIENTISTS

JOURNAL OF RESEARCH IN SCIENCE TEACHING

63 2
*ATTITUDES, *EDUCATIONAL PROGRAMS, *RESEARCH REPORTS, *SCIENTISTS, *SECONDARY SCHOOL STUDENTS, SCIENCE TEACHERS, SECONDARY SCHOOL SCIENCE, MANN-WHITNEY U TEST, TRAVELING SCIENCE TEACHER PROGRAM (OKLAHOMA STATE UNIVERSITY), NATIONAL SCIENCE FOUNDATION, PURDUE HIGH SCHOOL OPINION POLL, OKLAHOMA, 1963

143. SE 003 857 09 09 68 02 92 17 2 35 000 219
GAY, PHILIP DOWNS
THE DEVELOPMENT OF A SCOPE-SEQUENCE MODEL UTILIZING CONCEPTUAL SCHEMES TO BUILD K-12 SCIENCE CURRICULA (M.A. THESIS)

THE OHIO STATE UNIVERSITY

56 87
*CURRICULUM DEVELOPMENT, *EDUCATIONAL OBJECTIVES, *MASTER'S THESES, *CURRICULUM PLANNING, BIOLOGY, BIBLIOGRAPHIES, CONCEPTUAL SCHEMES, CHEMISTRY, EARTH SCIENCE, MODELS, PHYSICS, RESEARCH REPORTS

144. SE 003 091 02 27 68 02 33 29 1 00 000 002
GEORGE, S.
OPTICS AND SPECTROSCOPY - AN UPPER-DIVISION COURSE IN PHYSICS

AMERICAN JOURNAL OF PHYSICS

02 00 67 4
*COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *SCIENCE COURSES, *UNDERGRADUATE STUDY, *PHYSICS, COURSE DESCRIPTION, OPTICS, SPECTROSCOPY, CALIFORNIA STATE COLLEGE AT LONG BEACH

145. SE 003 364 09 04 68 03 92 18 2 00 000 080
GIBBONEY, R. A.
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REVIEW OF EDUCATIONAL RESEARCH

06 00 63 4
*CHEMISTRY, *CURRICULUM DEVELOPMENT, *INSTRUCTION, *PHYSICS, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL PROGRAMS, RESEARCH REVIEWS, PHYSICAL SCIENCE STUDY COMMITTEE, CHEMICAL EDUCATION MATERIALS STUDY, CHEMICAL BOND APPROACH, COOPERATIVE CHEMISTRY TEST, COOPERATIVE SCHOOL AND COLLEGE ABILITY TEST

146. SE 002 379 02 14 68 02 92 17 2 22 000 319
GEBHART, JAMES W.
THE TEACHING OF SCIENCE IN THE SECONDARY SCHOOLS OF MONTANA

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

60 209
BIOLOGY, CHEMISTRY, *CLASS SIZE, *CURRICULUM, DOCTORAL THESES, *ENROLLMENTS, GENERAL SCIENCE, GEOLOGY, *INSTRUCTION, PHYSICAL SCIENCE, PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCHOOL SIZE, TEACHER EDUCATION, *TEACHER QUALIFICATIONS, TEACHER BACKGROUND, SURVEYS, 1960, MONTANA

147. SE 002 440 09 03 68 02 86 20 2 00 000 006
GIDDINGS, MORSLEY G.
SCIENCE EDUCATION AND THE DISADVANTAGED - ADAPTING CURRICULUM REFORMS TO THE SPECIAL REQUIREMENTS OF THE DISADVANTAGED

SCIENCE EDUCATION

66 4
*CURRICULUM DEVELOPMENT, *DISADVANTAGED YOUTH, *EDUCATIONALLY DISADVANTEGED, *URBAN SCHOOLS, BIBLIOGRAPHIES, CURRICULUM PROBLEMS, DISADVANTAGED SCHOOLS, POPULATION GROWTH, SCIENCE COURSE IMPROVEMENT PROJECT, CENTER FOR URBAN EDUCATION, NEW YORK

148. SE 002 471 07 08 68 02 52 29 1 00 000 008
GITHENS, SHERWOOD, JR.
QUANTITATIVE PHYSICAL SCIENCE FOR THE NINTH GRADE

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 4
*CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *GRADE 9, *PHYSICAL SCIENCES, *SCIENCE COURSE IMPROVEMENT PROJECT, COURSE CONTENT, INSTRUCTIONAL MATERIALS, MATERIALS DEVELOPMENT, RURAL EDUCATION, SCIENCE FACILITIES, SECONDARY SCHOOL SCIENCE, QUANTITATIVE PHYSICAL SCIENCE

149. SE 003 953 07 12 68 02 81 17 2 38 000 304
GLASER, ROBERT
ADAPTING THE ELEMENTARY SCHOOL CURRICULUM TO INDIVIDUAL PERFORMANCE

UNIVERSITY OF PITTSBURGH, LEARNING RESEARCH AND DEVELOPMENT CENTER

67 37
*CURRICULUM DEVELOPMENT, *ELEMENTARY EDUCATION, *ELEMENTARY SCHOOL MATHEMATICS, *INDIVIDUALIZED PROGRAMS, *MATHEMATICS, *PROGRAMED INSTRUCTION, EDUCATIONAL OBJECTIVES, INDIVIDUAL DIFFERENCES, INDIVIDUAL INSTRUCTION, RESEARCH REPORTS, LEARNING RESEARCH AND DEVELOPMENT CENTER, UNIVERSITY OF PITTSBURGH, PENNSYLVANIA, OAKLEAF PROJECT

150. SE 002 031 11 14 67 10 81 17 2 22 000 319
GLEASON, WALTER PATTERSON
AN EXAMINATION OF SOME EFFECTS OF PUPIL SELF-INSTRUCTION METHODS COMPARED WITH THE EFFECTS OF TEACHER-LED CLASSES IN ELEMENTARY SCIENCE OF FIFTH GRADE PUPILS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

65 220
*ACADEMIC ACHIEVEMENT, *CONVENTIONAL INSTRUCTION, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *INDIVIDUAL INSTRUCTION, *RESEARCH REPORTS, COMPARATIVE ANALYSIS, DOCTORAL THESES, GRADE 5, SCIENCE INTEREST, 1965

151. SE 002 246 08 23 67 02 22 20 1 0 000 016
GLORIOZOV, P. A.
STUDYING THE TOPIC BASIC CHEMICAL CONCEPTS IN THE NINTH GRADE

SOVIET EDUCATION

01 00 64 11
*CHEMISTRY, *COURSE DESCRIPTIONS, CURRICULUM DEVELOPMENT, PAPERS, INTERNATIONAL EDUCATION, SECONDARY SCHOOL SCIENCE, UNION OF SOVIET SOCIALIST REPUBLICS

152. SE 002 346 07 08 68 22 92 17 2 22 000 319
GLOUINSKY, SANFORD JERROLD
THE STATUS AND EXTENT OF NON-LABORATORY SCIENCE COURSES IN THE SCIENCE EDUCATION PROGRAM OF SECONDARY SCHOOLS IN SELECTED MAJOR SCHOOL SYSTEMS OF THE UNITED STATES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

62 227
*CURRICULUM, *NON-LABORATORY COURSES, *STUDENT ENROLLMENT, *TEACHING TECHNIQUES, BIOLOGY, CHEMISTRY, COURSE ORGANIZATIONS, DOCTORAL THESES, EDUCATIONAL PROGRAMS, GENERAL SCIENCE, INSTRUCTION, PHYSICS, PHYSIOLOGY, PHYSICAL SCIENCES, RESEARCH REPORTS, SECONDARY SCHOOL SCIENCE

153. SE 003 911 09 09 63 02 92 06 2 32 000 456
GOLDMAN, JAMES A.
CONFERENCE ON CURRICULUM CHANGE

POLYTECHNIC INSTITUTE OF BROOKLYN

05 00 65 90
*BIOLOGY, *CHEMISTRY, *CURRICULUM, *CURRICULUM DEVELOPMENT, *CONFERENCE PROCEEDINGS, *MATHEMATICS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, EVALUATION, 1965, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE, POLYTECHNIC INSTITUTE OF BROOKLYN, NEW YORK

154. SE 003 314 03 20 68 22 53 20 1 00 000 003
GOLDSMITH, ROBERT H.
CHEMICAL CONTENT OF THE PHYSICAL SCIENCE COURSE

JOURNAL OF CHEMICAL EDUCATION

10 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *COURSE CONTENT, *PHYSICAL SCIENCES, *SCIENCE COURSES, SURVEYS

155. SE 002 174 09 18 67 02 85 20 1 00 000 100
GOODLAD, JOHN I.
CURRICULUM DECISIONS - BY WHOM AND WHAT FOR?

NATION'S SCHOOLS

03 00 65 4
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, ADMINISTRATION, SUPERVISION, CURRICULUM

156. SE 002 166 03 08 68 02 95 20 1 00 000 100
GOODLAD, JOHN I.
CURRICULUM REFORM SORTS OUT BASIC CONCEPTS

NATION'S SCHOOLS

03 00 64 3
*CURRICULUM PROBLEMS, *CURRICULUM DEVELOPMENT, *CURRICULUM PLANNING, *EDUCATIONAL OBJECTIVES, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CONCEPT TEACHING, CHEMISTRY, MATHEMATICS, PRESERVICE TEACHER EDUCATION, TEACHER EDUCATION, SCHOOL MATHEMATICS STUDY GROUP, ANTHROPOLOGY CURRICULUM STUDY PROJECT, ELEMENTARY SCIENCE STUDY PROJECT, PHYSICAL SCIENCE STUDY COMMITTEE, BIOLOGICAL SCIENCES CURRICULUM STUDY, SCIENCE - A PROCESS APPROACH, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY

157. SE 002 484 01 23 68 02 95 25 3 00 000 385
GOODLAD, JOHN I. AND OTHERS
THE CHANGING SCHOOL CURRICULUM
THE FUND FOR THE ADVANCEMENT OF EDUCATION

08 00 66 122
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL MATHEMATICS, *SECONDARY SCHOOL SCIENCE, ANNOTATED BIBLIOGRAPHIES, CHEMISTRY, EDUCATIONAL OBJECTIVES, EVALUATION, HEALTH EDUCATION, INSTRUCTION, CURRICULUM EVALUATION, PHYSICAL SCIENCES, PHYSICS, SOCIAL SCIENCES, SECONDARY SCHOOL MATHEMATICS, SCIENCE COURSE IMPROVEMENT PROJECT, FUND FOR THE ADVANCEMENT OF EDUCATION, PHYSICAL SCIENCE STUDY COMMITTEE, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, INTRODUCTORY PHYSICAL SCIENCE, SCIENCE CURRICULUM IMPROVEMENT STUDY, ELEMENTARY SCIENCE STUDY, SCIENCE - A PROCESS APPROACH (AAAS), BIOLOGY

158. SE 002 922 03 06 68 02 33 20 1 00 000 002
GOODMAN, CLARK AND ALLRED, JOHN C.
PROCEEDINGS - PHYSICS TODAY - AN INTRODUCTORY COURSE FOR NONSCIENCE MAJORS

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *GENERAL EDUCATION, *PHYSICS, BOULDER CONFERENCE

159. SE 003 850 09 10 68 02 53 29 1 00 000 006
GORAN, MORRIS
A METHOD FOR INSTRUCTING THE NATURE OF THE SCIENTIFIC ENTERPRISE

SCIENCE EDUCATION

04 00 61 2
*COLLEGE SCIENCE, *CURRICULUM, *PHYSICAL SCIENCES, *SCIENTIFIC ENTERPRISE, COURSE CONTENT, INSTRUCTION, PROGRAM DESCRIPTIONS, SCIENCE COURSES, ILLINOIS, CHICAGO, ROOSEVELT UNIVERSITY

160. SE 002 399 03 14 68 03 85 29 2 00 000 006
GOULD, HENRY
IMPROVING SCIENCE INSTRUCTION IN AN AMERICAN SCHOOL IN BRAZIL

SCIENCE EDUCATION

04 00 67 8
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, INSTRUCTION, PROGRAM DESCRIPTIONS, SUPERVISION, SCIENCE WORKSHOPS, AMERICAN SCHOOLS, BRAZIL

161. SE 003 751 06 11 68 02 95 20 1 00 000 001
GOULD, ORRIN
A LABORATORY FOR STUDYING SCIENCE TEACHING

THE AMERICAN BIOLOGY TEACHER

11 00 67 7
*BIOLOGY, *CURRICULUM DEVELOPMENT, *SKILL DEVELOPMENT, *SCIENCE EDUCATION, *SCIENCE FACILITIES, *TEACHER EDUCATION, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, METHODS COURSES, MICROTEACHING, PHYSICS, STUDENT ACTIVITIES, SECONDARY SCHOOL SCIENCE

162. SE 002 445 02 14 68 02 93 20 1 00 000 006
GRATZ, PAULINE
AN INTERDISCIPLINARY APPROACH TO SCIENCE TEACHING FOR GENERAL EDUCATION ON THE COLLEGE LEVEL

SCIENCE EDUCATION

04 00 66 8
*COURSE ORGANIZATION, *CURRICULUM DEVELOPMENT, *GENERAL EDUCATION, *INTEGRATED SCIENCE, *SCIENCE EDUCATION, BIOLOGY, COLLEGE SCIENCE, COURSE OBJECTIVES, CHEMISTRY, MATHEMATICS, PROBLEM SOLVING, PHYSICS, SCIENTIFIC METHODOLOGY, STUDENT ATTITUDES, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, TEACHERS COLLEGE, COLUMBIA UNIVERSITY, NEW YORK

163. SE 002 676 02 21 68 02 23 20 1 00 000 003
GROB, ROBERT L.
A JUNIOR YEAR ANALYTICAL - ORGANIC LABORATORY

JOURNAL OF CHEMICAL EDUCATION

06 00 67 3
*ANALYTICAL CHEMISTRY, *COLLEGE SCIENCE, *CHEMISTRY, *CURRICULUM DEVELOPMENT, *ORGANIC CHEMISTRY, *SCIENCE COURSES, INSTRUCTION, LABORATORY COURSES, SCIENCE ACTIVITIES, AMERICAN CHEMICAL SOCIETY, 1966

164. SE 002 122 09 06 67 02 15 20 1 00 000 001
GROBMAN, ARNOLD B.
SCHOOL BIOLOGY OF THE FUTURE - SOME CONSIDERATIONS

THE AMERICAN BIOLOGY TEACHER

05 00 67 3
*BIOLOGY, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, INQUIRY, LEARNING THEORIES, TEACHER EDUCATION

165. SE 002 255 09 18 67 02 12 20 1 00 000 038
GROBMAN, HULDA
HIGH SCHOOL BIOLOGY - ON WHAT GRADE LEVEL DOES IT BELONG?

CLEARINGHOUSE

04 00 64 2
*BIOLOGY, *CURRICULUM DEVELOPMENT, *GRADE PLACEMENT, *SECONDARY SCHOOL SCIENCE, PAPERS, STUDENT ABILITY, BIOLOGICAL SCIENCES CURRICULUM STUDY

166. SE 003 145 07 10 68 02 12 29 1 00 000 015
GROBMAN, HULDA
A NEW CURRICULUM IN BIOLOGICAL SCIENCES

EDUCATIONAL LEADERSHIP

03 00 61 2
*BIOLOGICAL SCIENCES. *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, INTERNATIONAL PROGRAMS, NATIONAL PROGRAMS, BIOLOGICAL SCIENCES CURRICULUM STUDY

167. SE 002 160 03 08 68 02 12 20 1 00 000 038
GROBMAN, HULDA
A STUDY IN EDUCATIONAL IMPROVEMENT

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11 00 61 3
*BIOLOGY, *CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, SCIENCE EDUCATION, SCIENCE COURSE IMPROVEMENT PROJECT, BIOLOGICAL SCIENCES CURRICULUM STUDY

168. SE 000 017 06 06 68 02 42 17 3 38 000 200
GROBMAN, SYDNEY
STATUS OF THE PENNSYLVANIA EARTH AND SPACE SCIENCE PROGRAM

EDRS, NATIONAL CASH REGISTER COMPANY

01 00 66 24
*EARTH SCIENCE, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, ASTRONOMY, *CURRICULUM, COURSE CONTENT, GENERAL SCIENCE, STUDENT ENROLLMENT, 1966, PENNSYLVANIA, SCIENCE FACILITIES

169. SE 002 256 02 07 68 06 92 20 1 00 000 020
GRUVER, WILLIAM J.
CAN YOUR SCHOOL AFFORD THE NEW SCIENCE PROGRAMS?

SCHOOL LIFE

02 00 64 3
*CURRICULUM, *EDUCATIONAL FINANCE, *INSTRUCTIONAL MATERIALS, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, *SCIENCE MATERIALS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, PHYSICAL SCIENCE STUDY COMMITTEE, EXPENDITURES

170. SE 002 564 09 03 68 02 23 20 1 00 000 003
GUTHMANN, WALTER S.
PHILOSOPHY AND CONTENT OF MASTERS DEGREE PROGRAMS

JOURNAL OF CHEMICAL EDUCATION

08 00 67 3
*CURRICULUM, *CHEMISTRY, *EDUCATIONAL PHILOSOPHY, *MASTERS DEGREES, *SCIENCE EDUCATION, CURRICULUM PLANNING, DEGREE PROGRAMS, HIGHER EDUCATION

171. SE 002 852 02 23 68 03 33 29 1 00 000 002
HAFNER, E. M.
ANNOUNCEMENTS AND NEWS - THE FEYNMAN LECTURES ON PHYSICS

AMERICAN JOURNAL OF PHYSICS

09 00 65 3
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *PHYSICS, *PROGRAM DESCRIPTIONS, INSTRUCTIONAL MATERIALS, TEXTBOOK REVIEWS, UNDERGRADUATE STUDY, CALIFORNIA INSTITUTE OF TECHNOLOGY

172. SE 003 672 07 11 68 02 92 17 1 00 000 006
HANSON, ROBERT W.
ISOLATING THE FACTORS THAT CONTRIBUTE TO THE EFFECTIVENESS OF HIGH SCHOOL SCIENCE PROGRAMS

SCIENCE EDUCATION

12 00 62 11
*ACADEMIC ACHIEVEMENT, *CURRICULUM, *EDUCATIONAL FACILITIES, *INSTRUCTION, *PROGRAM EFFECTIVENESS, *STUDENT CHARACTERISTICS, *SCIENCE COURSE IMPROVEMENT PROJECT, *TEACHER CHARACTERISTICS, *SECONDARY SCHOOL SCIENCE, ACHIEVEMENT, COMPARATIVE ANALYSIS, DOCTORAL THESES, LABORATORY EQUIPMENT, RESEARCH REPORTS, STUDENT ACTIVITIES, SECONDARY SCHOOL STUDENTS, TEACHING PROCEDURES, 1962, IOWA

173. SE 003 719 08 30 68 01 96 47 3 51 000 239
HARBECK, MARY BLATT
A SOURCEBOOK FOR SCIENCE SUPERVISORS

NATIONAL SCIENCE TEACHERS ASSOCIATION

67 144
*ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, *SUPERVISORY METHODS, *SUPERVISOR QUALIFICATIONS, *SUPERVISION, CURRICULUM PLANNING, CURRICULUM DEVELOPMENT, COMMUNITY RESOURCES, FEDERAL PROGRAMS, PROFESSIONAL ASSOCIATIONS, SCIENCE SUPERVISION, NATIONAL EDUCATION ASSOCIATION, NATIONAL SCIENCE TEACHERS ASSOCIATION, NATIONAL SCIENCE SUPERVISORS ASSOCIATION, UNITED STATES OFFICE OF EDUCATION

174. SE 002 460 09 27 67 02 31 17 1 00 000 008
HARRIS, WILLIAM
A TECHNIQUE FOR GRADE PLACEMENT IN ELEMENTARY SCIENCE

JOURNAL OF RESEARCH IN SCIENCE TEACHING

03 00 64 8
*ABILITY IDENTIFICATION, *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *GRADE PLACEMENT, *RESEARCH REPORTS, *TEACHING TECHNIQUES, CURRICULUM, CURRICULUM DEVELOPMENT, EVALUATION, GRADE 4, GRADE 5, GRADE 6, LEARNING READINESS, RESEARCH METHODOLOGY, WISCONSIN STATE COLLEGE, OSHKOSH, 1963

175. SE 003 029 02 27 68 02 33 29 1 00 000 002
HARTMAN, PAUL L.
ADVANCED PHYSICS LABORATORY COURSE AT CORNELL

AMERICAN JOURNAL OF PHYSICS

10 00 65 8
*CURRICULUM, *COURSE DESCRIPTION, *COLLEGE SCIENCE, *PHYSICS, *PROGRAM DESCRIPTIONS, *SCIENCE COURSES, LABORATORY COURSES, CORNELL UNIVERSITY, ADVANCED PHYSICS LABORATORY COURSE, ITHACA, NEW YORK

176. SE 003 861 09 18 68 02 35 31 3 21 000 336
HARVARD PROJECT PHYSICS
HARVARD PROJECT PHYSICS PROGRESS REPROT

EDRS, NATIONAL CASH REGISTER COMPANY

67 60
*CURRICULUM, *CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *PHYSICAL SCIENCES, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *COURSE CONTENT, EDUCATIONAL OBJECTIVES, EVALUATION, FILMS, INSTRUCTIONAL MATERIALS, NEWSLETTERS, PROGRAMED INSTRUCTION, SCIENCE COURSES, TESTS, TEACHER EDUCATION, CARNEGIE CORPORATION, SLOAN FOUNDATION, NATIONAL SCIENCE FOUNDATION, HARVARD PROJECT PHYSICS

177. SE 002 136 02 07 68 03 53 29 1 00 000 003
HAZDRA, JAMES J.
ARGONNE - ASSOCIATED COLLEGES COOPERATIVE PROGRAM

JOURNAL OF CHEMICAL EDUCATION

07 00 67 1
*COLLEGE SCIENCE, *CHEMISTRY, *EDUCATIONAL PROGRAMS, *NUCLEAR SCIENCE, *PHYSICS, *STUDENT RESEARCH, *SCIENCE COURSES, NUCLEAR PHYSICS, NUCLEAR CHEMISTRY, PROGRAM DESCRIPTIONS, ASSOCIATED COLLEGE COOPERATIVE PROGRAM, ARGONNE NATIONAL LABORATORY

178. SE 003 845 09 06 68 02 91 20 1 00 000 006
HEATHERS, GLEN
A PROCESS-CENTERED ELEMENTARY SCIENCE SEQUENCE

SCIENCE EDUCATION

04 00 61 6
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, *PROBLEM SOLVING, *SCIENTIFIC PRINCIPLES, *TEACHING METHODS, CURRICULUM DEVELOPMENT, EDUCATIONAL PROGRAMS, LEARNING PROCESSES, OBJECTIVES, TEACHING PROCEDURES

179. SE 002 908 03 06 68 03 33 30 1 00 000 002
HEFFERLIN, RAY
PROCEEDINGS - RESEARCH IN LABORATORY ASTROPHYSICS WITH UNDERGRADUATES - 11 YEAR REPORT

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*ASTROPHYSICS, *SCIENCE ACTIVITIES, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *PHYSICS, *UNDERGRADUATE STUDY, INSTRUCTION, RESEARCH, SCIENCE COURSES, NATIONAL SCIENCE FOUNDATION

180. SE 003 277 03 21 68 03 23 29 1 00 000 089
HEIMLER, CHARLES H.
CHEMISTRY IN THE JUNIOR COLLEGE TWO-YEAR NURSING PROGRAM

JUNIOR COLLEGE JOURNAL

03 00 61 3
*COURSE DESCRIPTIONS, *COLLEGE SCIENCE, *CHEMISTRY, *JUNIOR COLLEGES, *MEDICAL EDUCATION, EDUCATIONAL PROGRAMS, PROGRAM DESCRIPTIONS

181. SE 002 156 03 08 68 02 72 20 1 00 000 038
HEIMLER, CHARLES H.
A REORGANIZATION OF THE BASIC COURSE

CLEARING HOUSE

04 00 62 3
*CURRICULUM DEVELOPMENT, *COURSE CONTENT, *EDUCATIONAL OBJECTIVES, *GENERAL SCIENCE, *SCONDARY SCHOOL SCIENCE, CURRICULUM, GRADE 7, GRADE 8, GRADE 9, TEACHING METHODS

182. SE 003 186 03 07 68 02 53 17 2 22 000 319
HEINY, W. LOWELL
THE STATUS OF PHYSICAL SCIENCE COURSES FOR GENERAL EDUCATION PURPOSES IN SELECTED JUNIOR COLLEGES IN THE UNITED STATES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

56 250
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GENERAL EDUCATION, *JUNIOR COLLEGES, *PHYSICAL SCIENCES, *RESEARCH REPORTS, COURSE CONTENT, DOCTORAL THESES, EDUCATIONAL OBJECTIVES, EDUCATIONAL PROBLEMS, TEACHING METHODS, TEACHER QUALIFICATIONS, TEACHER ATTITUDES, 1956

183. SE 002 470 09 27 67 02 42 29 1 00 000 008
HELLER, ROBERT L.
THE EARTH SCIENCE CURRICULUM PROJECT - A REPORT OF PROGRESS

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 5
*CURRICULUM DEVELOPMENT, *COURSE OBJECTIVES, *EDUCATIONAL OBJECTIVES, *ELEMENTARY SCHOOL SCIENCE, *EARTH SCIENCE, *PROGRAM DESCRIPTION, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, EVALUATION, PROGRAM EVALUATION, SCIENCE MATERIALS, SCIENCE ACTIVITIES, TEACHER RESOURCE MATERIAL, TEXTBOOK EVALUATION, EARTH SCIENCE CURRICULUM PROJECT, INVESTIGATING THE EARTH, DIFFERENTIAL APTITUDE TEST, TEST ON SCIENCE KNOWLEDGE, SOURCES OF EARTH SCIENCE INFORMATION, SELECTED REFERENCES FOR EARTH SCIENCE COURSES, SELECTED EARTH SCIENCE FILMS

184. SE 003 187 03 07 68 02 12 17 2 22 000 319
HENDERSON, ALEXANDER, JR.
AN INVESTIGATION OF THE INTEREST OF SECONDARY SCHOOL PUPILS, PARENTS, AND TEACHERS IN PHYSIOLOGY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

57 255
*BIOLOGY, *CURRICULUM DEVELOPMENT, *INSTRUCTIONAL MATERIALS, *PHYSIOLOGY, *RESEARCH REPORTS, *SEX EDUCATION, *SECONDARY SCHOOL SCIENCE, *STUDENT INTERESTS, *PARENT ATTITUDES, *TEACHER ATTITUDES, DOCTORAL THESES, FEMALES, MALES, 1957

185. SE 002 109 08 23 67 18 35 38 1 00 000 009
HENRY, G. READING
SIMPLE INTRODUCTION TO THE KINETIC THEORY OF GASES

THE PHYSICS TEACHER

05 00 67 2
*COLLEGE SCIENCE, * KINETIC THEORY OF GASES, *MOLECULAR MOTION, *PHYSICS, GASES, SECONDARY SCHOOL SCIENCE, TEACHER RESOURCE MATERIALS, ATOMIC ENERGY COMMISSION

186. SE 003 640 04 30 68 02 13 17 2 00 000 006
HENZLIK, RAYMOND E.
MECHANICS OF ORGANIZATION IN INTRODUCTORY ZOOLOGY COURSES IN STATE UNIVERSITIES AND PROVISIONS FOR THE "GIFTED" STUDENTS

SCIENCE EDUCATION

12 00 63 7
*COLLEGE SCIENCE, *CURRICULUM, *ZOOLOGY, BIOLOGY, COURSE ORGANIZATION, INSTRUCTION, RESEARCH REPORTS, SCIENCE COURSES, 1963

187. SE 002 589 09 12 68 02 33 29 1 00 000 002
HEWETT, C. A. AND MARTIN, M. C.
PHYSICS CURRICULUM FOR A LIBERAL ARTS COLLEGE

AMERICAN JOURNAL OF PHYSICS

09 00 66 4
*COURSE DESCRIPTIONS, *CURRICULUM, *CURRICULUM PLANNING, *COLLEGE SCIENCE, *PHYSICS, *SEQUENTIAL PROGRAMS, *TEXTBOOK SELECTION, CURRICULUM DEVELOPMENT, CALCULUS, EDUCATIONAL PROGRAMS, HIGHER EDUCATION, LIBERAL ARTS, LABORATORY TRAINING, MATHEMATICS, PROGRAM DESCRIPTIONS, TEXTBOOKS, UNDERGRADUATE STUDY

188. SE 003 606 06 05 68 02 81 20 1 00 000 006
HILL, KATHERINE E.
ISSUES AND PROBLEMS IN ELEMENTARY SCIENCE IN A CHANGING WORLD

SCIENCE EDUCATION

03 00 63 5
*CURRICULUM DEVELOPMENT, *CURRICULUM PROBLEMS, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL NEEDS, *INDIVIDUAL INSTRUCTION, *LEARNING, COUNCIL FOR ELEMENTARY SCIENCE INTERNATIONAL, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, NATIONAL SCIENCE FOUNDATION

189. SE 003 300 09 16 68 03 83 17 2 00 000 431
HOLLAND, MORRIS K. AND DEROCCO, ANDREW G.
EFFECTIVENESS OF THE NATIONAL SCIENCE FOUNDATION UNDERGRADUATE SCIENCE PROGRAM - AN INTERMEDIATE SCIENCE CURRICULUM STUDY SURVEY

THE SUPERIOR STUDENT

62 9
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *HIGHER EDUCATION, *PROGRAM DESCRIPTIONS, *PROGRAM EVALUATION, *SCIENCE EDUCATION, *UNDERGRADUATE EDUCATION, HONORS PROGRAMS, RESEARCH REPORTS, NATIONAL SCIENCE FOUNDATION, INTERMEDIATE SCIENCE CURRICULUM STUDY, UNDERGRADUATE RESEARCH PARTICIPATION, UNDERGRADUATE INDEPENDENT STUDY

190. SE 003 607 07 11 68 02 85 17 1 00 000 006
HOLLENBECK, IRENE
OUTDOOR EDUCATION IN OREGON

SCIENCE EDUCATION

03 00 63 9
*ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *OUTDOOR EDUCATION, *PROGRAM DESCRIPTIONS, *RESEARCH REPORTS, GRADE 5, GRADE 6, PROGRAM EVALUATION, SECONDARY SCHOOL SCIENCE, STUDENT ACTIVITIES, SOCIOMETRIC TECHNIQUES, STUDENT INTERESTS, WHAT I LIKE TO DO, AN INVENTORY OF CHILDREN'S INTERESTS

191. SE 002 104 07 08 68 02 32 29 2 00 000 009
HOLTON, GERALD
PROJECT PHYSICS - A REPORT ON ITS AIMS AND CURRENT STATUS

THE PHYSICS TEACHER

05 00 67 2
*CURRICULUM DEVELOPMENT, *COURSE CONTENT, *INSTRUCTIONAL MATERIALS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, COURSE DESCRIPTION, COURSE OBJECTIVES, PROGRAM DESCRIPTIONS, HARVARD PROJECT PHYSICS

192. SE 003 346 06 10 68 02 93 02 2 00 000 025
HOLTON, GERALD
SCIENCE FOR NONSCIENTISTS - CRITERIA FOR COLLEGE PROGRAMS

JOURNAL OF GENERAL EDUCATION

64 10
*CURRICULUM, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *GENERAL EDUCATION, *HIGHER EDUCATION, *INSTRUCTION, *SCIENTIFIC LITERACY,,BIOLOGY, CURRICULUM PLANNING, CHEMISTRY, PHYSICS, SECONDARY SCHOOL SCIENCE, SCIENCE EDUCATION

193. SE 003 559 03 21 68 02 93 17 1 00 000 006
HOPKA, ERICH
THE NATURE OF PHYSICAL SCIENCE EDUCATION FOR PRE-THEOLOGICAL STUDENTS AT LUTHERAN COLLEGES

SCIENCE EDUCATION

10 00 62 8
*COURSE OBJECTIVES, *COLLEGE SCIENCE, *PHYSICAL SCIENCES, CHURCH-RELATED COLLEGES, ASTRONOMY, CHEMISTRY, COURSE DESCRIPTIONS, DOCTORAL THESES, GEOLOGY, PHYSICS, RESEARCH REPORTS, TEACHER QUALIFICATION, TEACHER EDUCATION, UNDERGRADUATE STUDY, 1956

194. SE 003 631 06 05 68 02 81 20 1 00 000 006
HOPMAN, ANNE B.
EFFECTING CHANGES IN THE ELEMENTARY SCIENCE CURRICULUM OF A SCHOOL SYSTEM

SCIENCE EDUCATION

03 00 64 9
*BEHAVIORAL OBJECTIVES, *CURRICULUM, *CURRICULUM DEVELOPMENT, *CURRICULUM GUIDES, *ELEMENTARY SCHOOL SCIENCE, *INSERVICE TEACHER EDUCATION, EDUCATIONAL OBJECTIVES

195. SE 002 809 11 14 67 03 95 20 1 00 000 006
HUBLER, CLARK
SCIENCE EDUCATION IN THE PHILIPPINES

SCIENCE EDUCATION

10 00 64 6
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY EDUCATION, *SCIENCE EDUCATION, *SECONDARY EDUCATION, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, CURRICULUM, HIGHER EDUCATION, INSTRUCTION, INTERNATIONAL EDUCATION, SCIENCE PROGRAMS, SCIENCE MATERIALS, TEACHER SHORTAGES, PHILIPPINES

196. SE 002 843 04 05 68 02 85 17 1 00 000 006
HUFFMIRE, DONALD WYNANT
A CRITICAL APPRAISAL OF THE INDEPENDENT STUDY PROJECT IN SCIENCE

SCIENCE EDUCATION

04 00 65 5
*CURRICULUM DEVELOPMENT, *PROGRAM EVALUATION, *INDEPENDENT STUDY, *PRGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, *STUDENT PROJECTS, COLLEGE SCIENCE, CURRICULAR ACTIVITIES, EDUCATIONAL PROGRAMS, INSTRUCTION, INDIVIDUAL INSTRUCTION, OBJECTIVES, PROBLEM SOLVING, SCIENTIFIC METHODOLOGY, 1961

197. SE 003 906 09 12 68 02 23 06 3 00 000 362
HUME, DAVID N.
EXPERIMENTAL CURRICULA IN CHEMISTRY
EDRS, NATIONAL CASH REGISTER COMPANY

10 00 63 59
*CURRICULUM, *CHEMISTRY, *CONFERENCE REPORTS, *COLLEGE SCIENCE, *EDUCATIONAL PHILOSOPHY, *EDUCATIONAL OBJECTIVES, *PHYSICAL SCIENCES, *TEACHING METHODS, CURRICULUM DEVELOPMENT, COURSE CONTENT, GRADUATE STUDY, UNDERGRADUATE STUDY

198. SE 002 260 09 18 67 02 13 20 1 00 000 365
HUMPHREY, DONALD G.
A NEW DAY IN BIOLOGY TEACHING

IMPROVING COLLEGE AND UNIVERSITY TEACHING

65 2
*BIOLOGY, *CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, PAPERS, BIOLOGICAL SCIENCES CURRICULUM STUDY, COMMISSION ON UNDERGRADUATE EDUCATION IN THE BIOLOGICAL SCIENCES

199. SE 003 342 06 10 68 02 92 20 2 00 000 435
HURD, PAUL DEHART
MID-CENTURY TRENDS IN SCIENCE TEACHING

CALIFORNIA JOURNAL OF SECONDARY EDUCATION

05 00 53 5
*CURRICULUM, *EDUCATIONAL TRENDS, *INSTRUCTION, *LEARNING, *SCIENCE EDUCATION, BIOLOGY, COURSE CONTENT, COURSE ORGANIZATION, CHEMISTRY, EDUCATIONAL OBJECTIVES, EVALUATION, GENERAL SCIENCE, INSTRUCTIONAL MATERIALS, PROBLEM SOLVING, PHYSICS, SCIENCE EDUCATION HISTORY, SCIENCE LABORATORIES, TEACHING METHODS, TEXTBOOKS, UNIFIED SCIENCE

200. SE 003 161 06 04 68 02 85 19 1 00 000 059
HURD, PAUL DEHART
TEACHING SCIENCE IN A CHANGING SOCIETY

CALIFORNIA TEACHERS ASSOCIATION JOURNAL

05 00 61 3
*CURRICULUM, *EDUCATIONAL OBJECTIVES, *EDUCATIONAL PROBLEMS, *SCIENTIFIC METHODOLOGY, CURRICULUM DEVELOPMENT, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, INSTRUCTION, SCIENCE FACILITIES, SECONDARY SCHOOL SCIENCE, SCIENCE ACTIVITIES

201. SE 003 260 09 16 68 02 12 20 1 00 000 096
HUXLEY, SIR JULIAN
EVOLUTION IN THE HIGH SCHOOL CURRICULUM

SCHOOL REVIEW

60 6
*BIOLOGY, *CURRICULUM, *EVOLUTION, *EDUCATIONAL OBJECTIVES, *SECONDARY SCHOOL SCIENCE, COURSE CONTENT, SCIENTIFIC CONCEPTS.

202. SE 003 797 04 08 68 02 09 15 2 14 000 200
INDIANA STATE DEPARTMENT OF PUBLIC INSTRUCTION
MATHEMATICS FOR SECONDARY SCHOOLS

INDIANA STATE DEPARTMENT OF PUBLIC INSTRUCTION

63 54
*CURRICULUM GUIDES, *CURRICULUM, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, CALCULUS, GEOMETRY, TRIGONOMETRY

203. SE 002 202 02 08 68 02 72 32 1 09 000 158
INTERMEDIATE SCIENCE CURRICULUM STUDY
INTERMEDIATE SCIENCE CURRICULUM STUDY NEWSLETTER

INTERMEDIATE SCIENCE CURRICULUM STUDY, FLORIDA STATE UNIVERSITY, TALLAHASSEE

06 00 67 13
*CURRICULUM, *CURRICULUM DEVELOPMENT, *COMPUTER-ASSISTED INSTRUCTION, GRADE 7, LABORATORY EXPERIMENTS, NEWSLETTERS, PROJECT REPORTS. SECONDARY SCHOOL SCIENCE, TEXTBOOKS, TEXTBOOK PREPARATION, UNITED STATES OFFICE OF EDUCATION, INTERMEDIATE SCIENCE CURRICULUM STUDY

204. SE 002 385 07 12 68 02 43 17 2 22 000 319
IVEY, MARVIN L.
GEOLOGY FOR FLORIDA JUNIOR COLLEGES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 141
*COURSE ORGANIZATION, *CURRICULUM DEVELOPMENT, *GEOLOGY, *JUNIOR COLLEGES, *SCIENTIFIC CONCEPTS, COLLEGE SCIENCE, DOCTORAL THESES, EARTH SCIENCE, GENERAL EDUCATION, INSTRUCTION, RESEARCH REPORTS

205. SE 003 844 08 12 68 22 96 20 1 00 000 006
JACOBSON, WILLARD J.
LESSONS FROM BRITAIN

SCIENCE EDUCATION

04 00 61 6
*ELEMENTARY SCHOOL SCIENCE, *SCIENCE EDUCATION, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, COLLEGE SCIENCE, *CURRICULUM, EDUCATIONAL OBJECTIVES, GENERAL EDUCATION, INSTRUCTION, INTERNATIONAL EDUCATION, STUDENT TEACHING, TUTORIAL PROGRAMS, TEACHING METHODS, ENGLAND, GREAT BRITAIN

206. SE 003 252 09 09 68 02 92 20 1 00 000 093
JANU, RUDOLPH
THE "NEW" SCIENCE CURRICULUMS

SCHOOL MANAGEMENT

06 00 63 12
*CURRICULUM, *CURRICULUM PLANNING, *SECONDARY SCHOOL SCIENCE, AUDIOVISUAL AIDS, BIOLOGY, CHEMISTRY, COURSE CONTENT, INSTRUCTION, PHYSICS, SCIENCE FACILITIES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE COURSES, TEXTBOOKS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE

207. SE 003 970 09 09 68 02 92 29 1 00 000 004
JEFFERY, JAY M.
A SENIOR HIGH SCHOOL MATH-SCIENCE SEMINAR

SCHOOL SCIENCE AND MATHEMATICS

01 00 68 5
*CURRICULUM DEVELOPMENT, *SEMINARS, *SCIENCE COURSES, *SECONDARY SCHOOL SCIENCE, COURSE OBJECTIVES, CURRICULUM, GRADE 11, GRADE 12, INSTRUCTION, MATHEMATICS, PROGRAM DESCRIPTIONS, TEACHING PROCEDURES

208. SE 002 920 03 06 68 02 33 20 1 00 000 002
JOHNSON, JOHN C.
PROCEEDINGS - RECENT TRENDS IN TEACHING OF ACOUSTICS

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*ACOUSTICS, *COLLEGE SCIENCE, *CURRICULUM, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, *PHYSICS

209. SE 002 163 03 08 68 02 95 29 1 00 000 100
JOHNSON, PAUL E.
INDIANAPOLIS PLAN MAY BE AN ANSWER TO THE SCIENTIST SHORTAGE

NATION'S SCHOOLS

07 00 57 4
*COMMUNITY DEVELOPMENT, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTION, *SCHOOL COMMUNITY RELATIONSHIP, *SCHOOL INDUSTRY RELATIONSHIP, COLLEGE SCIENCE, CURRICULUM FIELD EXPERIENCES, MATHEMATICS EDUCATION, SCIENCE EDUCATION, TEACHER EDUCATION, INDIANAPOLIS, INDIANA

210. SE 002 600 09 12 68 02 95 06 1 00 000 002
JOSSEM, E. LEONARD
DIALOGUES CONCERNING SOME OLD SCIENCES - THE SEATTLE INTERDISCIPLINARY CONFERENCE

AMERICAN JOURNAL OF PHYSICS

09 00 66 3
*CURRICULUM PROBLEMS, *CURRICULUM DEVELOPMENT, *CONFERENCE REPORTS, *COLLEGE SCIENCE, *INTERDISCIPLINARY PROBLEMS, BIOLOGY, CHEMISTRY, HIGHER EDUCATION, INSTRUCTION, PHYSICS, SCIENCE COURSES, SCIENTIFIC CONCEPTS, THE SEATTLE INTERDISCIPLINARY CONFERENCE

211. SE 003 383 09 09 68 02 91 20 1 00 000 022
JOYCE, BRUCE R.
SCIENCE, THE CURRICULUM, AND THE YOUNG CONSCIENCE

ELEMENTARY SCHOOL JOURNAL

01 00 61 4
*CURRICULUM, *CONCEPTUAL SCHEMES, *ELEMENTARY SCHOOL SCIENCE, COURSE CONTENT, EDUCATIONAL OBJECTIVES, INSTRUCTIONAL MATERIALS, INSTRUCTION, PROBLEM SOLVING, SCIENCE ACTIVITIES

212. SE 002 062 09 18 67 02 25 20 1 00 000 003
JOURNAL OF CHEMICAL EDUCATION
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JOURNAL OF CHEMICAL EDUCATION

04 00 67 1
ACADEMIC ACHIEVEMENT, *COLLEGE SCIENCE, *CURRICULUM, *INSTRUCTIONAL PROCEDURES, *SECONDARY SCHOOL SCIENCE, CHEMISTRY, STUDENT CHARACTERISTICS

213. SE 002 705 09 22 67 02 21 20 1 00 000 003
KARPLUS, ROBERT
CHEMICAL PHENOMENA IN ELEMENTARY SCHOOL SCIENCE

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05 00 66 3
*CHEMISTRY, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE ACTIVITIES, LEARNING READINESS, STUDENT ATTITUDES, SCIENCE CURRICULUM IMPROVEMENT STUDY, NATIONAL SCIENCE FOUNDATION, AMERICAN CHEMICAL SOCIETY

214. SE 002 467 09 27 67 02 91 29 1 00 000 008
KARPLUS, ROBERT
THE SCIENCE CURRICULUM IMPROVEMENT STUDY

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 11
*CURRICULUM DEVELOPMENT, *COURSE CONTENT, *CONCEPT FORMATION, *ELEMENTARY SCHOOL SCIENCE, *PROGRAM DESCRIPTIONS, *TEACHING METHODS, EDUCATION PROGRAMS, EDUCATIONAL OBJECTIVES, LEARNING READINESS, LEARNING, SCIENCE CURRICULUM IMPROVEMENT STUDY, NATIONAL SCIENCE FOUNDATION

215. SE 003 359 07 10 68 02 91 29 1 00 000 022
KARPLUS, ROBERT
THE SCIENCE CURRICULUM - ONE APPROACH

ELEMENTARY SCHOOL JOURNAL

02 00 62 8
*ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *EXPERIMENTAL PROGRAMS, *PROGRAM DESCRIPTIONS, *SCIENCE COURSE IMPROVEMENT PROJECT, BIOLOGY, CURRICULUM DEVELOPMENT, EDUCATIONAL PROBLEMS, INSTRUCTIONAL MATERIALS, LEARNING, PHYSICAL SCIENCES, SCIENCE UNITS, SCIENCE EDUCATION, STUDENT ACTIVITIES

216. SE 002 963 06 06 68 02 81 29 3 00 000 221
KARPLUS, ROBERT AND THIER, HERBERT D.
A NEW LOOK AT ELEMENTARY SCHOOL SCIENCE

RAND McNALLY AND COMPANY

67 204
*CURRICULUM, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *PROGRAM DESCRIPTIONS, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE EDUCATION, BIBLIOGRAPHIES, COGNITIVE DEVELOPMENT, EDUCATIONAL OBJECTIVES, INSTRUCTIONAL MATERIALS, LEARNING, TEACHER ROLE, TEACHING METHODS, SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA

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217. SE 003 517 09 05 68 03 95 20 2 00 000 096
KELLY, HARRY C.
NATIONAL PROGRAM FOR EDUCATION IN THE SCIENCES
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59 13
*EDUCATIONAL PROGRAMS, *FEDERAL PROGRAMS, *SCIENCE EDUCATION, COLLEGE SCIENCE, CURRICULUM DEVELOPMENT, FEDERAL GOVERNMENT, FEDERAL AID, FINANCIAL SUPPORT, SECONDARY SCHOOL SCIENCE, SCIENCE INSTITUTES, SCIENTIFIC MANPOWER, TEACHER IMPROVEMENT, TEACHER EDUCATION, TECHNOLOGY, NATIONAL SCIENCE FOUNDATION

218. SE 002 315 09 03 68 02 92 22 2 00 000 007
KELLY, PETER
THE NUFFIELD SCIENCE TEACHING PROJECT
THE SCIENCE TEACHER
01 00 67 3
*CURRICULUM DEVELOPMENT, *COURSE OBJECTIVES, *PROJECT REPORTS, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, COURSE DESCRIPTIONS, COURSE CONTENT, INTERNATIONAL EDUCATION, PHYSICS, PHYSICAL SCIENCES, THE NUFFIELD SCIENCE TEACHING PROJECT, CHEMICAL EDUCATION MATERIALS STUDY, BIOLOGICAL SCIENCES CURRICULUM STUDY, PHYSICAL SCIENCE STUDY COMMITTEE, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION

219. SE 003 493 09 10 68 02 12 29 1 00 000 001
KELLY, RICHARD D.
ADVANCED BIOLOGY FOR TALENTED HIGH SCHOOL STUDENTS
THE AMERICAN BIOLOGY TEACHER
10 00 67 5
*BIOLOGY, *SECONDARY SCHOOL SCIENCE, ABLE STUDENTS, ADVANCED PROGRAMS, COURSE CONTENT, PROGRAM DESCRIPTIONS, SCIENCE COURSES

220. SE 003 180 03 04 68 03 82 20 1 00 000 412
KESSEL, W. G.
THE HIGH SCHOOL VISITING SCIENTIST PROGRAM
COLLEGE JOURNAL
03 00 62 2
*CURRICULUM, *ENRICHMENT PROGRAMS, *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *PAPER, *SECONDARY SCHOOL SCIENCE, *VISITING SCIENTISTS, ASTRONOMY, BIOLOGY, CHEMISTRY, COMMUNITY RESOURCES, PHYSICS, SCIENTISTS, NATIONAL SCIENCE FOUNDATION, AMERICAN ASTRONOMICAL SOCIETY, AMERICAN ASSOCIATION OF PHYSICS TEACHERS, AMERICAN CHEMICAL SOCIETY, AMERICAN INSTITUTE OF BIOLOGICAL SCIENCES, INDIANA ACADEMY OF SCIENCES

221. SE 003 125 02 29 68 02 22 20 1 00 000 412
KESSEL, W. G.
THE NEW HIGH SCHOOL CHEMISTRY CURRICULA

COLLEGE JOURNAL

03 00 62 4
*COURSE DESCRIPTIONS, *CHEMISTRY, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *PAPERS, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, SCIENCE COURSE IMPROVEMENT PROJECT, NATIONAL SCIENCE FOUNDATION, PHYSICAL SCIENCE STUDY COMMITTEE. CROWN-ZELLERBACH FOUNDATION, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY

222. SE 002 566 09 03 68 02 23 29 1 00 000 003
KIEFT, LESTER AND HEINE, HAROLD W.
NOVEL APPROACHES TO AN INTERMEDIATE DEGREE

JOURNAL OF CHEMICAL EDUCATION

08 00 67 4
*CHEMISTRY, *DEGREE PROGRAMS, *MASTERS DEGREES, *SCIENCE EDUCATION, COLLEGE SCIENCE, EDUCATIONAL PROGRAMS, HIGHER EDUCATION, PROGRAM DESCRIPTIONS, WESTERN RESERVE UNIVERSITY, FURMAN UNIVERSITY, BUCKNELL UNIVERSITY

223. SE 000 646 09 10 68 03 95 22 2 54 000 294
KIMBALL, J. D.
IMPROVING PRODUCTIVITY OF THE FIRST NINE YEARS OF SCHOOLING

UNITED NATIONS DEVELOPMENT PROGRAM, SANTIAGO, CHILE

64 12
*AUDIOVISUAL AIDS, *CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *PROJECT REPORTS, *SECONDARY SCHOOL SCIENCE, INSTRUCTION, INTERNATIONAL EDUCATION, PHYSICS, PROGRAM DESCRIPTIONS, CHILE, UNITED NATIONS EDUCATION, SCIENTIFIC, AND CULTURAL ORGANIZATION, ELEMENTARY SCIENCE STUDY, ODDO-CARINI KITS

224. SE 003 149 09 09 68 02 12 20 1 00 000 020
KLINGE, PAUL
RESOURCES FOR IMPROVING INSTRUCTION IN BIOLOGY

SCHOOL LIFE

10 00 67 3
*BIOLOGY, *CURRICULUM, *INSTRUCTIONAL IMPROVEMENT, *SECONDARY SCHOOL SCIENCE, INSTRUCTION, INSTRUCTIONAL MATERIALS, PROFESSIONAL ASSOCIATIONS, TEACHER EDUCATION

225. SE 002 811 04 04 68 02 95 29 1 00 000 006
KOELSCHE, CHARLES L.
SCIENCE EDUCATION PROGRAMS IN THE DEVELOPING COUNTRIES OF SOUTH AND SOUTHEAST ASIA

SCIENCE EDUCATION

10 00 64 7
*CURRICULUM, *EDUCATIONAL PROGRAMS, *EDUCATIONAL PROBLEMS, *INTERNATIONAL EDUCATION, *PROGRAM DESCRIPTIONS, *SCIENCE EDUCATION, BIOLOGY, CHEMISTRY, EDUCATIONAL OBJECTIVES, ELEMENTARY EDUCATION, EDUCATIONAL FACILITIES, GENERAL SCIENCE, INSERVICE PROGRAMS, PHYSICS, PHYSICAL SCIENCES, SECONDARY EDUCATION, TEACHING METHODS, TEACHER EDUCATION, COLOMBO PLAN, UNITED NATIONS EDUCATION, SCIENTIFIC, AND CULTURAL ORGANIZATION, INDIA, PAKISTAN, ASIA

226. SE 003 296 06 10 68 02 95 29 2 00 000 048
KRONHAUSEN, PHYLLIS AND EBERHARD
SEX EDUCATION - THE ORPHAN ANNIE OF AMERICAN SCHOOLS

PHI DELTA KAPPAN

12 00 61 5
*CURRICULUM, *HIGHER EDUCATION, *INTERDISCIPLINARY APPROACH, *SECONDARY EDUCATION, *SEX EDUCATION, ART, BIOLOGY, CHEMISTRY, ELEMENTARY EDUCATION, LITERATURE, LANGUAGE, PHYSICAL EDUCATION, SOCIAL STUDIES

227. SE 002 861 02 23 68 03 33 29 1 00 000 002
KUMAR, KAILASH
REVIEW OF A NEW COURSE IN PHYSICS

AMERICAN JOURNAL OF PHYSICS

08 00 65 5
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *PHYSICS, *PAPERS, COURSE DESCRIPTIONS, SCIENCE COURSES, FEYNMAN LECTURES ON PHYSICS

228. SE 003 155 03 04 68 02 92 29 1 00 000 077
LEE, EUGENE C.
SCIENCE TEACHING REVITALIZED

THE TEXAS OUTLOOK

01 00 62 3
*CURRICULUM DEVELOPMENT, *SECONDARY SCHOOL SCIENCE, BIOLOGY, EDUCATIONAL OBJECTIVES, PHYSICS, PHYSICAL SCIENCE STUDY COMMITTEE, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, NATIONAL SCIENCE FOUNDATION, CHEMISTRY

229. SE 002 783 07 08 68 02 71 15 3 38 000 376
LEHIGH VALLEY SCHOOL STUDY COUNCIL
ELEMENTARY SCIENCE OUTLINE - A GUIDE TO SUGGESTED CURRICULUM PRACTICES IN ELEMENTARY SCHOOL SCIENCE
MUHLENBERG COLLEGE, ALLENTOWN, PENNSYLVANIA
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66 159
*AUDIOVISUAL AIDS, *BIOLOGY, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *GENERAL SCIENCE, *PROBLEM SOLVING, *PHYSICAL SCIENCES, *TEACHING GUIDES, BIBLIOGRAPHIES, ELECTRICITY, EARTH SCIENCE, FIELD TRIPS, HEALTH EDUCATION, HEAT, INSTRUCTION, LIGHT, MACHINES, SOUND, TEACHING PROCEDURES

230. SE 000 729 08 30 68 02 91 17 1 51 000 280
LINDVALL, C. MAURITZ AND BOLVIN, JOHN O.
INDIVIDUALLY PRESCRIBED INSTRUCTION - THE OAKLEAF PROJECT

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02 00 66 15
*AUTOINSTRUCTIONAL METHODS, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INDIVIDUAL INSTRUCTION, *PROGRAMED INSTRUCTION, UNITED STATES OFFICE OF EDUCATION, LEARNING RESEARCH AND DEVELOPMENT CENTER (UNIVERSITY OF PITTSBURGH), BALDWIN-WHITEHALL SCHOOL DISTRICT (PITTSBURGH, PENNSYLVANIA), INDIVIDUALLY PRESCRIBED INSTRUCTION (IPI), *STATUS REPORT, RESEARCH REPORTS, *OAKLEAF PROJECT

231. SE 003 837 07 12 68 02 12 29 1 00 000 007
LINSKY, RONALD B.
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09 00 67 3
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232. SE 002 921 03 06 68 02 81 29 1 00 000 002
LIPSON, JOSEPH AND HAYWEISER, LOIS
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07 00 67 1
*CURRICULUM, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *PROGRAM DESCRIPTIONS, INSTRUCTION, LABORATORY EXPERIENCES, SCIENCE ACTIVITIES

233. SE 003 897 05 28 68 10 09 17 3 38 000 304
LIPSON, JOSEPH I. AND OTHERS
THE DEVELOPMENT OF AN ELEMENTARY SCHOOL MATHEMATICS CURRICULUM FOR INDIVIDUALIZED INSTRUCTION

UNIVERSITY OF PITTSBURGH, LEARNING R AND D CENTER

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*BEHAVIORAL OBJECTIVES, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTION, *MATHEMATICS, *PROGRAMED INSTRUCTION, *TEACHING PROCEDURES, CURRICULUM, EDUCATIONAL OBJECTIVES, INDIVIDUAL INSTRUCTION, LEARNING, INDIVIDUALLY PRESCRIBED INSTRUCTION, OAKLEAF PROJECT

234. SE 003 143 03 04 68 02 32 20 1 00 000 015
LITTLE, ELBERT P.
PHYSICAL SCIENCE STUDY COMMITTEE - A PHYSICS PROGRAM

EDUCATIONAL LEADERSHIP

12 00 59 2
*CURRICULUM DEVELOPMENT, *CURRICULUM, *PAPERS, *PHYSICS, *SECONDARY SCHOOL SCIENCE, NATIONAL SCIENCE FOUNDATION, PHYSICAL SCIENCE STUDY COMMITTEE

235. SE 002 706 09 18 67 03 91 29 1 00 000 003
LIVERMORE, ARTHUR H.
AAAS COMMISSION ON SCIENCE EDUCATION

JOURNAL OF CHEMICAL EDUCATION

05 00 66 3
*CURRICULUM DEVELOPMENT, *COURSE CONTENT, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTIONS, *SCIENCE CURRICULUM IMPROVEMENT PROJECT, COURSE DESCRIPTIONS, EVALUATION, GRADE 1, GRADE 2, GRADE 3, GRADE 4, GRADE 5, GRADE 6, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE COMMISSION ON SCIENCE EDUCATION, 1962, SCIENCE - A PROCESS APPROACH

236. SE 002 464 04 03 68 02 51 29 1 00 000 008
LIVERMORE, ARTHUR H.
THE PROCESS APPROACH OF THE AAAS COMMISSION ON SCIENCE EDUCATION

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 12
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *EVALUATION, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTIONS, *SCIENTIFIC METHODOLOGY, *SCIENCE COURSE IMPROVEMENT PROJECT, COURSE CONTENT, COURSE OBJECTIVES, INSTRUCTIONAL MATERIALS, OBJECTIVES, QUESTIONING TECHNIQUES, SCIENCE - A PROCESS APPROACH

237. SE 003 788 05 28 68 02 95 03 3 51 000 261
LOCKARD, J. DAVID
REPORT OF THE INTERNATIONAL CLEARINGHOUSE ON SCIENCE AND MATHEMATICS CURRICULAR DEVELOPMENTS, 1967

EDRS, NATIONAL CASH REGISTER COMPANY

67 413
*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, *MATHEMATICS EDUCATION, *SCIENCE EDUCATION, *SECONDARY SCHOOL SCIENCE, BIOLOGY, BIBLIOGRAPHIES, CHEMISTRY, EARTH SCIENCE, GENERAL SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, PHYSICS, NATIONAL SCIENCE FOUNDATION, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, 1967

238. SE 002 318 08 24 67 03 12 29 1 00 000 007
LOCKETT, ARNOLD W. AND RASMUSSEN, FREDERICK
THE CHANGING LOOK IN INDIAN SCIENCE EDUCATION

THE SCIENCE TEACHER

01 00 67 1
*BIOLOGY, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, PROGRAM DESCRIPTIONS, INDIA, DELHI UNIVERSITY, BIOLOGICAL SCIENCES CURRICULUM STUDY, 1966

239. SE 002 956 09 04 68 02 12 16 2 05 000 155
LOS ANGELES CITY SCHOOLS
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LOS ANGELES CITY SCHOOLS

63 84
*CURRICULUM, *COURSE DESCRIPTION, *COURSE OUTLINE, *GRADE 10, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, AUDIOVISUAL AIDS, LABORATORY SAFETY, LOS ANGELES, CALIFORNIA

240. SE 002 953 09 04 68 02 12 16 2 05 000 155
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63 69
*CURRICULUM, *BIOLOGY, *COURSE DESCRIPTIONS, *COURSE CONTENT, *GRADE 10, *LABORATORY SAFETY, *SECONDARY SCHOOL SCIENCE, AUDIVISUAL AIDS, EDUCATIONAL OBJECTIVES, TEACHING METHODS, LOS ANGELES, CALIFORNIA

241. SE 002 400 02 14 68 02 82 29 1 00 000 006
LUCAS, ANN
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SCIENCE EDUCATION

04 00 67 3
*CURRICULUM, *SECONDARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS,
PROGRAM DESCRIPTIONS, PAKISTAN

242. SE 003 588 04 30 68 02 13 17 1 00 000 006
LYON, MARGARET CHARTERS
EVALUATION AS AN INTEGRAL PART OF A SUMMER SCIENCE PROGRAM
FOR TALENTED HIGH SCHOOL STUDENTS

SCIENCE EDUCATION

10 00 63 6
*ABLE STUDENTS, *BOTANY, *CURRICULUM, *EDUCATIONAL PROGRAMS,
*EVALUATION, *GRADE 10, *GRADE 11, *SECONDARY SCHOOL SCIENCE,
*SUMMER SCIENCE PROGRAMS, *STUDENT CHARACTERISTICS, *ZOOLOGY,
RESEARCH REPORTS, SCIENCE ACTIVITIES, NATIONAL SCIENCE FOUNDATION,
COOPERATIVE BIOLOGY TEST, WATSON-GLASER CRITICAL THINKING TEST,
HENMON-NELSON MENTAL ABILITY TEST, TEST ON UNDERSTANDING SCIENCE,
SIMS SCI SCALE, 1962

243. SE 003 416 06 11 68 14 86 18 2 00 000 080
MAC DONALD, JAMES B. AND RATHS, JAMES D.
CURRICULUM RESEARCH - PROBLEMS, TECHNIQUES, AND PROSPECTS

REVIEW OF EDUCATIONAL RESEARCH

06 00 63 4
*CURRICULUM, *RESEARCH, *RESEARCH REVIEWS, *RESEARCH DESIGN,
*RESEARCH METHODOLOGY, EDUCATIONAL RESEARCH

244. SE 003 193 04 18 68 02 91 16 2 22 000 319
MACKIEWICZ, SHIRLEY WILLIAM
A TENTATIVE CURRICULUM GUIDE FOR ELEMENTARY SCHOOL SCIENCE IN
VERMONT WITH AN EMPHASIS ON THE ACTIVITY SUGGESTIONS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

58 214
*BIOLOGY, *CURRICULUM GUIDES, *ELEMENTARY SCHOOL SCIENCE,
*PHYSICAL SCIENCES, *SCIENCE ACTIVITIES, *UNITS OF STUDY (SUBJECT
FIELDS), BIBLIOGRAPHIES, CONCEPT DEVELOPMENT, DOCTORAL THESES,
EDUCATIONAL OBJECTIVES, EARTH SCIENCE, RESEARCH REPORTS, SCIENCE
UNITS, 1958, VERMONT

245. SE 002 958 03 08 68 02 92 22 1 51 000 279
MAGAT, PHYLLIS L. AND MILLER, WILFRED H.
DEVELOPMENT OF INSTRUCTIONAL MATERIALS FOR A FUSED CHEMISTRY-PHYSICS COURSE (FINAL REPORT SUMMARY)

UNITED STATES DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE, OFFICE OF EDUCATION

05 00 67 12
*CURRICULUM DEVELOPMENT, *CHEMISTRY, *COURSE CONTENT, *PHYSICS, *INSTRUCTIONAL MATERIALS, *PROJECT REPORT, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, INTEGRATED CURRICULUM, SCIENCE COURSES, COOPERATIVE RESEARCH PROJECT, WILMINGTON, DELAWARE, 1966, 1967

246. SE 003 993 08 12 68 02 92 11 3 00 000 459
MARSHALL, J. STANLEY AND BURKMAN, ERNEST
CURRENT TRENDS IN SCIENCE EDUCATION

CENTER FOR APPLIED RESEARCH IN EDUCATION, NEW YORK

06 00 67 115
*BIOLOGY, *CURRICULUM DEVELOPMENT, *CHEMISTRY, *EARTH SCIENCE, *INSTRUCTION, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, *TEACHER EDUCATION, COMPUTER ASSISTED INSTRUCTION, CONVENTIONAL INSTRUCTION, EDUCATIONAL PROBLEMS, EDUCATIONAL OBJECTIVES, INSERVICE EDUCATION, UNDERGRADUATE STUDY, NATIONAL SCIENCE FOUNDATION, PHYSICAL SCIENCE STUDY COMMITTEE, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY

247. SE 002 917 03 08 68 02 33 20 1 00 000 002
MAXWELL, HOWARD N.
PROCEEDINGS - GRADUATE PHYSICS AT THE UNIVERSITY OF MYSORE

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GRADUATE STUDY, *PHYSICS, UNIVERSITY OF MYSORE, INDIA

GPO 810-754-8

248. SE 002 154 07 12 68 02 12 19 1 00 000 354
MAYER, WILLIAM V.
SCIENCE CURRICULUM CHANGES

EDUCATION QUARTERLY

08 00 64 8
*COURSE CONTENT, *CURRICULUM DEVELOPMENT, *INSTRUCTION, *SECONDARY
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COMMITTEE, CHEMICAL BOND APPROACH, SCHOOL MATHEMATICS STUDY GROUP

249. SE 002 155 07 12 68 02 12 20 1 00 000 354
MAYER, WILLIAM V.
A TOTAL PROGRAM INVOLVING TEXT, LABORATORY DISCUSSIONS AND
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08 00 64 7
*BIOLOGY, *CURRICULUM, *PROBLEM SOLVING, *SECONDARY SCHOOL SCIENCE,
*SCIENTIFIC METHODOLOGY, *TEXTBOOKS, *TESTS, CURRICULUM DEVELOPMENT,
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250. SE 003 151 03 04 68 02 86 20 1 00 000 048
MAYOR, JORN R.
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02 00 58 2
*CURRICULUM DEVELOPMENT, *MATHEMATICS EDUCATION, *PAPERS,
*SCIENCE EDUCATION, *SCIENCE AND SOCIETY, ABLE STUDENTS,
EDUCATIONAL OBJECTIVES, FEDERAL AID, TEACHER SALARIES,
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251. SE 002 247 04 30 68 02 12 20 2 00 000 013
MEL′NIKOV, M. I.
THE INSTRUCTIONAL AND EDUCATIONAL SIGNIFICANCE OF THE COURSE IN
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12 00 63 4
*BIOLOGY, *COURSE CONTENT, *CURRICULUM, *GRADE 9, *GENERAL
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252. SE 003 166 03 04 68 02 22 20 1 00 000 410
MERRILL, RICHARD J.
CHEM STUDY IN ACTION

JOURNAL OF SECONDARY EDUCATION

02 00 62 3
*CURRICULUM, *CHEMISTRY, *COURSE CONTENT, *COURSE DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, INSTRUCTION, SCIENCE COURSE IMPROVEMENT PROJECT, CHEMICAL EDUCATION MATERIALS STUDY, NATIONAL SCIENCE FOUNDATION, SCIENCE COLLEGE ABILITY TEST, EDUCATIONAL OBJECTIVES

253. SE 001 357 09 18 68 03 81 17 2 32 000 320
MID-HUDSON SCHOOL STUDY COUNCIL
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MID-HUDSON SCHOOL STUDY COUNCIL, NEW YORK

66 11
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL STUDENTS, *STUDENT ATTITUDES, *SCIENCE FAIRS, GRADE 4, GRADE 5, GRADE 6, RESEARCH REPORTS, 1962, 1965, NEW YORK

254. SE 002 319 08 24 67 03 86 29 1 00 000 007
MILLS, LESTER
SCIENCE EDUCATION IN THE REPUBLIC OF VIETNAM

THE SCIENCE TEACHER

01 00 67 2
*INTERNATIONAL EDUCATION, *SCIENCE EDUCATION, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL PROGRAMS, PROGRAM DESCRIPTIONS, REPUBLIC OF VIETNAM, UNITED STATES AGENCY FOR INTERNATIONAL DEVELOPMENT

255. SE 003 946 09 18 68 03 95 16 1 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
A HANDBOOK FOR THE REORGANIZED SCIENCE CURRICULUM KINDERGARTEN THROUGH GRADE TWELVE

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256. SE 003 945 09 18 68 02 95 16 1 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
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*CURRICULUM, *CURRICULUM GUIDES, *ELEMENTARY SCHOOL SCIENCE, *OBJECTIVES, SECONDARY SCHOOL SCIENCE, MINNESOTA, MINNEAPOLIS

257. SE 003 937 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE K - THE KINDERGARTEN SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

MINNEAPOLIS PUBLIC SCHOOLS

135
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *KINDERGARTEN, *TEACHING GUIDES, ASTRONOMY, BIBLIOGRAPHIES, BIOLOGY, CURRICULUM, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

258. SE 003 944 03 20 69 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
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MINNEAPOLIS PUBLIC SCHOOLS

10 01 62 135
*CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *GRADE 1, *TEACHING GUIDES, ASTRONOMY, BIBLIOGRAPHIES, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

259. SE 003 935 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 2 - THE GRADE TWO SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

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260. SE 003 932 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 3- THE GRADE THREE SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

MINNEAPOLIS PUBLIC SCHOOLS

10 01 62 140
*CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *TEACHING GUIDES, ASTRONOMY, BIBLIOGRAPHIES, BIOLOGY, EARTH SCIENCE, GRADE 3, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE ACTIVITIES, MINNEAPOLIS, MINNESOTA

261. SE 003 933 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 4A - THE FOURTH GRADE SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

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03 01 65 200
*CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *ECOLOGY, *GRADE 4, *TEACHING GUIDES, ASTRONOMY, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

262. SE 003 936 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 4B - A SELECTIVE BIBLIOGRAPHY OF BOOKS FOUND USEFUL IN THE TEACHING OF THE SCIENCE UNITS

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08 24 64 135
*BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *GRADE 4, *TEACHING GUIDES, ASTRONOMY, BIOLOGY, EARTH SCIENCE, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

263. SE 003 934 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
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*CURRICULUM DEVELOPMENT, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *GRADE 5, *TEACHING GUIDES, ASTRONOMY, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

264. SE 003 939 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 5B - A SELECTIVE BIBLIOGRAPHY OF BOOKS FOUND USEFUL IN THE TEACHING OF THE SCIENCE UNITS - FOR GRADE FIVE

MINNEAPOLIS PUBLIC SCHOOLS

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*BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *CURRICULUM, *GRADE 5, *TEACHING GUIDES, ASTRONOMY, BIOLOGY, EARTH SCIENCE, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, SCIENCE COURSES, SCIENCE ACTIVITIES, MINNEAPOLIS, MINNESOTA

265. SE 003 928 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
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135
*CURRICULUM DEVELOPMENT, *CURRICULUM, *CHEMISTRY, *ELEMENTARY SCHOOL SCIENCE, *GRADE 6, *TEACHING GUIDES, ASTRONOMY, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE COURSE, SCIENCE ACTIVITIES, MINNEAPOLIS, MINNESOTA

266. SE 003 938 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 6B - THE UNIVERSE - A RESOURCE UNIT

MINNEAPOLIS PUBLIC SCHOOLS

08 24 64 135
*ASTRONOMY, *CURRICULUM DEVELOPMENT, *CURRICULUM, *GRADE 6, *TEACHING GUIDES, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

267. SE 003 931 03 20 68 02 91 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 6C - A SELECTIVE BIBLIOGRAPHY OF BOOKS FOUND IN THE TEACHING OF THE SCIENCE UNITS - FOR GRADE SIX

MINNEAPOLIS PUBLIC SCHOOLS

08 24 64 135
*ASTRONOMY, *BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *CURRICULUM, *CHEMISTRY, *ELEMENTARY SCHOOL SCIENCE, *GRADE 6, *TEACHING GUIDES, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE MATERIALS, MINNEAPOLIS, MINNESOTA

268. SE 003 930 03 20 68 02 92 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 7A - THE GRADE SEVEN SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

MINNEAPOLIS PUBLIC SCHOOLS

10 21 66 80
*BIOLOGY, *CURRICULUM DEVELOPMENT, *GRADE 7, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC ATTITUDES, *TEACHING GUIDES, CURRICULUM, ELEMENTARY SCHOOL SCIENCE, EARTH SCIENCE, ECOLOGY, INSTRUCTIONAL MATERIALS, LABORATORY TECHNIQUES, SCIENCE ACTIVITIES, SCIENCE COURSES, MINNEAPOLIS, MINNESOTA

269. SE 003 929 03 20 68 02 92 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 7B - A SELECTIVE BIBLIOGRAPHY OF BOOKS FOUND USEFUL IN THE TEACHING OF THE SCIENCE UNITS - FOR GRADE SEVEN

MINNEAPOLIS PUBLIC SCHOOLS

200
*BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *CURRICULUM, *GRADE 7, *SECONDARY SCHOOL SCIENCE, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS, SCIENCE MATERIALS, SCIENCE EQUIPMENT, MINNEAPOLIS, MINNESOTA

270. SE 003 943 03 20 68 02 92 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 8 - THE GRADE EIGHT SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

MINNEAPOLIS PUBLIC SCHOOLS

10 21 66 175
*BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *CURRICULUM, *EARTH SCIENCE, *METEROLOGY, *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, ASTRONOMY, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, SCIENCE MATERIALS, MINNEAPOLIS, MINNESOTA

271. SE 003 942 04 08 68 02 92 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 9 - THE GRADE NINE SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

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135
*CURRICULUM DEVELOPMENT, *CURRICULUM, *GRADE 9, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC ATTITUDES, *TEACHING GUIDES, ASTRONOMY, BIBLIOGRAPHIES, EARTH SCIENCE, SCIENCE EQUIPMENT, SCIENCE ACTIVITIES, SCIENCE MATERIALS, MINNEAPOLIS, MINNESOTA

272. SE 003 940 03 20 68 02 12 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 10A - THE BIOLOGY SUPPLEMENT TO THE REORGANIZED SCIENCE CURRICULUM - KINDERGARTEN THROUGH GRADE TWELVE

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135
*BIOLOGY, *CURRICULUM DEVELOPMENT, *ECOLOGY, *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, *TEACHING TECHNIQUES, BIBLIOGRAPHIES, CURRICULUM, GRADE 10, INSTRUCTION, INSTRUCTIONAL MATERIALS, MINNEAPOLIS, MINNESOTA

273. SE 003 941 03 20 68 02 12 15 2 23 000 307
MINNEAPOLIS PUBLIC SCHOOLS
SCIENCE 10B - A PARTIAL LISTING OF PRESENTLY OWNED SCIENCE MOTION PICTURE FILMS - GRADE TEN - BIOLOGY

MINNEAPOLIS PUBLIC SCHOOLS

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*BIOLOGY, *CURRICULUM DEVELOPMENT, *FILMS, *FILMSTRIPS, *GRADE 10, *SCIENCE EQUIPMENT, *SECONDARY SCHOOL SCIENCE, *TEACHING GUIDES, CURRICULUM, INSTRUCTIONAL MATERIALS, SCIENCE MATERIALS, MINNEAPOLIS, MINNESOTA

274. SE 003 798 09 06 68 02 92 06 2 22 000 200
MICHIGAN STATE DEPARTMENT OF PUBLIC INSTRUCTION
COMPUTERS - IMPLICATIONS FOR SCHOOL MATHEMATICS

MICHIGAN STATE DEPARTMENT OF PUBLIC INSTRUCTION

63 29
*COMPUTERS, *COMPUTER PROGRAMS, *CURRICULUM, *INSTRUCTION, *MATHEMATICS EDUCATION, *MATHEMATICAL APPLICATIONS, *PROGRAM DESCRIPTIONS, COMPUTER ASSISTED INSTRUCTION, TECHNOLOGY

275. SE 003 622 06 05 68 02 22 17 1 00 000 006
MONTEAN, JOHN J.
AN EVALUATION OF CBA CHEMISTRY FOR HIGH SCHOOL STUDENTS

SCIENCE EDUCATION

02 00 63 9
*ACHIEVEMENT, *CURRICULUM, *CHEMISTRY, *EVALUATION, *SECONDARY SCHOOL SCIENCE, COURSE OBJECTIVES, COURSE CONTENT, RESEARCH REPORTS, CHEMICAL BOND APPROACH

276. SE 003 297 09 04 68 02 92 20 1 00 000 038
MORRIS, J. RUSSELL
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11 00 62 2
*EDUCATIONAL PROGRAMS, *INSTRUCTION, *NATURAL HISTORY, *SECONDARY SCHOOL SCIENCE, *SCIENCE LABORATORIES, *SCIENCE ACTIVITIES, *SCIENCE FACILITIES, CHEMISTRY, CURRICULUM DEVELOPMENT, PHYSIOLOGY, PHYSICS, SCIENCE FAIRS, YUBA CITY, CALIFORNIA

277. SE 002 837 04 05 68 03 83 20 1 00 000 006
MOULTON, WILBUR N.
SCIENCE, EDUCATION, AND STUDENTS FROM THE UNDEVELOPED NATIONS

SCIENCE EDUCATION

04 00 65 8
*DEVELOPING NATIONS, *GRADUATE STUDY, *INSTITUTES, *PROGRAM DESCRIPTIONS, *POST DOCTORAL EDUCATION, *SCIENCE EDUCATION, COLLEGE TEACHERS, CURRICULUM DEVELOPMENT, EDUCATIONAL PROBLEMS, FOREIGN STUDENTS, INTERNATIONAL EDUCATION, NATURAL SCIENCES, TEACHING ASSISTANTS, NATIONAL SCIENCE FOUNDATION, AGENCY FOR INTERNATIONAL DEVELOPMENT

278. SE 003 174 03 04 68 02 92 20 1 00 000 045
MCKIBBEN, MARGARET J.
SCIENCE TEACHING TODAY - GRADES 7-12

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10 00 59 2
*BIOLOGY, *CHEMISTRY, *CURRICULUM, *EARTH SCIENCE, *GENERAL SCIENCE, *PHYSICAL SCIENCE, *PHYSICS, *PAPERS, *SECONDARY SCHOOL SCIENCE, *SCIENCE SEMINARS, EDUCATIONAL PROGRAMS, NEW YORK, PENNSYLVANIA, PHYSICAL SCIENCE STUDY COMMITTEE, SCHOOL AND COLLEGE STUDY OF ADMISSIONS

279. SE 003 702 04 08 68 02 92 17 2 00 000 006
MCKIBBEN, MARGARET J.
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SCIENCE EDUCATION

12 00 61 7
*CURRICULUM DEVELOPMENT, *CURRICULUM, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, EARTH SCIENCE, GENERAL SCIENCE, INSTRUCTION, INSTRUCTIONAL TELEVISION, INSERVICE TEACHER EDUCATION, PHYSICS, PHYSICAL SCIENCES, SUMMER SCIENCE PROGRAMS, BIOLOGICAL SCIENCES CURRICULUM STUDY, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE, 1961

GPO 810-754-7

280. SE 003 654 09 06 68 02 91 17 1 00 000 00
MCNEIL, JOHN D. AND KEISLAR, EVAN R.
AN EXPERIMENT IN VALIDATING OBJECTIVES FOR THE CURRICULUM IN ELEMENTARY SCHOOL SCIENCE

SCIENCE EDUCATION

03 00 62 5
*CONCEPT FORMATION, *CURRICULUM, *COGNITIVE PROCESSES, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, *LEARNING, *RESEARCH REPORTS

281. SE 003 198 06 05 68 02 92 17 2 22 000 31
NATH, LAWRENCE H.
THE INFLUENCE OF SELECTED FACTORS ON SCIENCE INSTRUCTION IN THE PUBLIC SCHOOLS OF KENTUCKY

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282. SE 002 923 11 14 67 02 95 37 2 00 000 04
NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS
BULLETIN OF THE NATIONAL ASSOCIATION OF SECONDARY SCHOOL PRINCIPALS

NATIONAL EDUCATION ASSOCIATION

12 00 60 290
*ADMINISTRATION, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, ABLE STUDENTS, BIOLOGY, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, HEALTH EDUCATION, INTEGRATED SCIENCE, PHYSICS, PHYSICAL SCIENCES, SCIENCE COURSES, STUDENT CHARACTERISTICS, NATIONAL SCIENCE TEACHERS ASSOCIATION, BIOLOGICAL SCIENCES CURRICULUM STUDY, PHYSICAL SCIENCES STUDY COMMITTEE

283. SE 003 963 09 09 68 02 85 14 3 00 000 4
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67 143
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284. SE 003 773 09 06 68 02 09 06 2 00 000 454
NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS
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61 90
*CURRICULUM, *EDUCATION OBJECTIVES, *INSTRUCTION, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ADMINISTRATION, CURRICULUM DEVELOPMENT, CURRICULUM IMPROVEMENT, COURSE CONTENT, ELEMENTARY SCHOOL MATHEMATICS, PROGRAM DESCRIPTIONS, TEACHING PROCEDURES, TEACHER EDUCATION, NATIONAL SCIENCE FOUNDATION, NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS

285. SE 002 933 09 03 68 02 83 17 2 00 000 199
NATIONAL RESEARCH COUNCIL
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11 00 65 5
*AGRICULTURAL EDUCATION, *CURRICULUM, *CURRICULUM RESEARCH, *EDUCATIONAL TRENDS, *EDUCATIONAL PROGRAMS, *EDUCATIONAL PROBLEMS, *PROGRAM DESCRIPTIONS, *UNDERGRADUATE STUDY, COLLEGE SCIENCE, NATURAL RESOURCES IN AGRICULTURE

286. SE 003 457 09 05 68 02 40 06 3 51 000 152
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65 186
*COLLEGE SCIENCE, *EARTH SCIENCE, *EDUCATIONAL PROGRAMS, *GRADUATE STUDY, *HIGHER EDUCATION, BIBLIOGRAPHIES, CONFERENCE REPORTS, EDUCATIONAL NEEDS, GEOLOGY, METEOROLOGY, OCEANOLOGY, PROFESSIONAL EDUCATION, TEACHER EDUCATION, NATIONAL SCIENCE FOUNDATION

287. SE 002 277 07 12 68 03 85 37 1 51 000 152
NATIONAL SCIENCE FOUNDATION
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04 00 67 25
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, CURRICULUM DEVELOPMENT, CURRICULUM IMPROVEMENT, ELEMENTARY SCHOOL MATHEMATICS, PROPOSAL GUIDELINES, PROPOSAL PREPARATION, SECONDARY SCHOOL MATHEMATICS, NATIONAL SCIENCE FOUNDATION, 1967, COOPERATIVE COLLEGE SCHOOL SCIENCE PROGRAMS

288. SE 003 444 09 10 68 02 91 21 1 00 000 01
NATIONAL SCIENCE FOUNDATION
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SCIENCE AND CHILDREN

09 00 67 1
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCIENCE, *FEDERAL AID,
*TEACHER EDUCATION, PROGRAM DESCRIPTIONS, SCIENCE FACILITIES,
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289. SE 002 228 09 12 68 02 95 37 2 51 000 15
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10 00 62 64
*AUDIOVISUAL AIDS, *COLLEGE SCIENCE, *EDUCATIONAL FILMS,
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290. SE 002 223 09 03 68 02 95 29 2 51 000 15
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*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, *COLLEGE MATHEMATICS,
*DIRECTORIES, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL
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291. SE 003 440 09 10 68 02 12 20 1 00 000 01
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09 00 67 1
*CURRICULUM, *EVALUATION, *SECONDARY SCHOOL SCIENCE, ISSUES,
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292. SE 003 535 03 20 68 02 33 17 1 00 000 006
NELSON, KENNETH G. AND PELLA, MILTON O.
EVALUATION OF THE ADAPTED HARVEY WHITE PHYSICS FILMS IN TURKEY

SCIENCE EDUCATION

10 00 61 10
*COLLEGE SCIENCE, *CURRICULUM, *FILMS, *INSERVICE TEACHER EDUCATION, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, CURRICULUM DEVELOPMENT, EVALUATION, SCIENCE COURSES, TURKEY, FORD FOUNDATION, HARVEY WHITE PHYSICS FILMS, 1959

293. SE 003 765 06 06 68 02 09 16 3 31 000 200
NEW MEXICO STATE DEPARTMENT OF EDUCATION
A TRANSITIONAL CURRICULUM GUIDE FOR MATHEMATICS IN GRADES 7 AND 8

EDRS, NATIONAL CASH REGISTER COMPANY

66 135
*CURRICULUM GUIDES, *GEOMETRY, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ARITHMETIC, CURRICULUM, GRADE 7, GRADE 8, MEASUREMENT, STATISTICS, NEW MEXICO

294. SE 003 801 06 06 68 18 09 15 3 32 000 200
NEW YORK STATE DEPARTMENT OF EDUCATION
AN EXPERIMENTAL COURSE IN MATHEMATICS FOR THE NINTH YEAR - UNITS 1, 2, 3, AND 4

EDRS, NATIONAL CASH REGISTER COMPANY

65 123
*ALGEBRA, *CURRICULUM GUIDES, *CURRICULUM, *MATHEMATICS, *SET THEORY, *SECONDARY SCHOOL MATHEMATICS, *TEACHING METHODS, *TEACHING GUIDES, GRADE 9, NEW YORK

295. SE 003 802 04 19 68 02 09 15 3 32 000 200
NEW YORK STATE DEPARTMENT OF EDUCATION
AN EXPERIMENTAL COURSE IN MATHEMATICS FOR THE NINTH YEAR - UNITS 8 AND 9

NEW YORK STATE DEPARTMENT OF EDUCATION

65 50
*CURRICULUM, *CURRICULUM GUIDES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ALGEBRA, GRADE 9, NEW YORK

296. SE 003 803 04 19 68 02 09 15 3 32 000 200
NEW YORK STATE DEPARTMENT OF EDUCATION
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NEW YORK STATE DEPARTMENT OF EDUCATION

65 70
*CURRICULUM, *CURRICULUM GUIDES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, GRADE 9, TRIGONOMETRY, TEACHING GUIDES, NEW YORK

297. SE 003 800 04 19 68 02 09 16 3 32 000 200
NEW YORK STATE DEPARTMENT OF EDUCATION
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65 19
*ALGEBRA, *CURRICULUM GUIDES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, *TEACHING GUIDES, ARITHMETIC, GRADE 9, GEOMETRY, TRIGONOMETRY, NEW YORK

298. SE 003 799 06 06 68 02 09 15 3 32 000 200
NEW YORK STATE EDUCATION DEPARTMENT
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EDRS, NATIONAL CASH REGISTER COMPANY

65 70
*CURRICULUM, *CURRICULUM GUIDES, *MATHEMATICS, *TEACHING GUIDES, *TRIGONOMETRY, *SECONDARY SCHOOL MATHEMATICS, GRADE 9, NEW YORK

299. SE 002 466 04 03 68 03 91 29 1 00 000 008
NICHOLS, BENJAMIN
ELEMENTARY SCIENCE STUDY - TWO YEARS LATER

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64
*CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *PROGRAM DESCRIPTIONS, *SCIENCE COURSE IMPROVEMENT PROJECT, COURSE ORGANIZATION, INSTRUCTIONAL MATERIALS, INSTRUCTIONAL EQUIPMENT, PHYSICS, SCIENCE ACTIVITIES, SCIENCE MATERIALS, SCIENCE EQUIPMENT, ELEMENTARY SCIENCE STUDY, NATIONAL SCIENCE FOUNDATION

300. SE 002 485 02 14 68 02 95 22 3 0 000 391
NICODEMUS, ROBERT B.
COOPERATIVE COLLEGE-SCHOOL SCIENCE PROJECT - FIRST, SECOND, AND THIRD YEAR REPORT - 1965, 1966, AND 1967

EDRS, NATIONAL CASH REGISTER COMPANY

67 124
*CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, BIOLOGY, INSERVICE TEACHER EDUCATION, PROGRAM DESCRIPTIONS, SCIENCE TEACHERS, NATIONAL SCIENCE FOUNDATION, 1965, 1966, 1967, COOPERATIVE COLLEGE-SCHOOL SCIENCE PROGRAM, BIOLOGICAL SCIENCES CURRICULUM STUDY, ELEMENTARY SCIENCE STUDY, SCIENCE - A PROCESS APPROACH

301. SE 003 572 03 04 68 02 23 29 1 00 000 003
NORDMANN, JOSEPH
THE INTRODUCTORY CHEMISTRY LABORATORY AND THE "REAL" SAMPLE

JOURNAL OF CHEMICAL EDUCATION

11 00 67 3
*COLLEGE SCIENCE, *CHEMISTRY, *CURRICULUM, *EDUCATIONAL PROGRAMS, *LABORATORY, *PROGRAM DESCRIPTIONS, COURSE DESCRIPTION, EDUCATIONAL OBJECTIVES, UNDERGRADUATE STUDY

302. SE 003 787 08 13 68 02 09 16 2 33 000 200
NORTH CAROLINA STATE DEPARTMENT OF PUBLIC INSTRUCTION
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NORTH CAROLINA STATE DEPARTMENT OF PUBLIC INSTRUCTION

64 48
*CURRICULUM GUIDES, *COURSE CONTENT, *COURSE OBJECTIVES, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, CURRICULUM DEVELOPMENT, GEOMETRY, INSTRUCTIONAL AIDS, TEACHING TECHNIQUES, NORTH CAROLINA

303. SE 003 114 02 29 68 03 91 15 3 33 000 200
NORTH CAROLINA STATE DEPARTMENT OF PUBLIC INSTRUCTION
TEACHER'S SOURCE BOOK FOR EXPLORING THE WORLD OF SCIENCE

NORTH CAROLINA STATE DEPARTMENT OF PUBLIC INSTRUCTION, RALEIGH

65 55
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL TELEVISION, *TEACHER SOURCE BOOKS, BIOLOGY, EARTH SCIENCE, PHYSICAL SCIENCES, PRIMARY GRADES, TELEVISION, NORTH CAROLINA STATE DEPARTMENT OF PUBLIC INSTRUCTION, RALEIGH

304. SE 002 190 07 08 68 02 13 20 1 00 000 199
NOVAK, ALFRED
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08 00 66 3
*BIOLOGY, *CURRICULUM, *COLLEGE SCIENCE, *CURRICULUM PLANNING,
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305. SE 002 777 09 03 68 02 52 32 1 05 000 377
NUCLEAR SCIENCE CURRICULUM PROJECT
NUCLEAR SCIENCE CURRICULUM PROJECT NEWSLETTER, NO. 1

CULVER CITY UNIFIED SCHOOL DISTRICT, CALIFORNIA

08 00 67 4
*BEHAVIORAL OBJECTIVES, *COURSE CONTENT, *CURRICULUM DEVELOPMENT,
*EDUCATIONAL OBJECTIVES, *NEWSLETTERS, *NUCLEAR SCIENCE,
*PHYICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT,
INSTRUCTION, NSCP, CALIFORNIA, CULVER CITY, UNITED STATES
OFFICE OF EDUCATION, TITLE III

306. SE 002 114 02 07 68 03 92 20 1 00 000 196
PANUSH, LOUIS
WHAT ARE JUNIOR SCIENCE AND HUMANITIES SYMPOSIA?

METROPOLITAN DETROIT SCIENCE REVIEW

09 00 65 3
*EDUCATIONAL PROGRAMS, *SYMPOSIA, *SECONDARY SCHOOL SCIENCE,
*SCIENCE FAIRS, HUMANITIES, SEMINARS, STUDENT RESEARCH,
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307. SE 002 210 02 07 68 02 93 20 1 00 000 356
PARSEGIAN, V. LAWRENCE
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03 00 67 3
*CURRICULUM DEVELOPMENT, *COLLEGE SCIENCE, BIOLOGY, CHEMISTRY,
COURSE DESCRIPTION, PHYSICS, PROJECT REPORT, SCIENCE AND SOCIETY,
SCIENCE COURSES, UNDERGRADUATE STUDY, SCIENCE COURSES FOR
BACCALAUREATE EDUCATION, RENSSELAER POLYTECHNIC INSTITUTE,
TROY, NEW YORK

308. SE 002 191 03 20 68 02 13 29 2 00 000 199
PATTEN, BERNARD C.
SYSTEMS ECOLOGY - A COURSE SEQUENCE IN MATHEMATICAL ECOLOGY

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09 00 66 3
*BIOLOGY, *CURRICULUM, *COLLEGE SCIENCE, *COURSE DESCRIPTIONS, *ECOLOGY, *SCIENCE COURSES, EDUCATIONAL PROGRAMS, PROGRAM DESCRIPTIONS, NATIONAL SCIENCE FOUNDATION, OAKRIDGE NATIONAL LABORATORY, UNIVERSITY OF TENNESSEE

309. SE 002 124 02 07 68 02 13 20 1 00 000 001
PEARSON, PAUL G. AND FOSTER, WILLIAM B.
CHANGE IN COLLEGE BIOLOGY - A CASE HISTORY

AMERICAN BIOLOGY TEACHER

05 00 67 4
*BIOLOGY, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, INSTRUCTION, PROJECT REPORT, INSTRUCTIONAL TELEVISION, RUTGERS UNIVERSITY, BIOLOGICAL SCIENCES CURRICULUM STUDY

310. SE 002 677 03 08 68 02 23 29 1 00 000 003
PECSOK, ROBERT L.
A NEW APPROACH TO THE SOPHOMORE COURSE - "BIORGANALYTICAL" CHEMISTRY AT UCLA

JOURNAL OF CHEMICAL EDUCATION

06 00 67 3
*COLLEGE SCIENCE, *CHEMISTRY, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTIONS, ANALYTICAL CHEMISTRY, BIOCHEMISTRY, ORGANIC CHEMISTRY, SCIENCE COURSES, UNIVERSITY OF CALIFORNIA AT LOS ANGELES, CALIFORNIA

311. SE 002 320 08 24 67 02 12 20 1 00 000 007
PETERSON, GLEN E.
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01 00 67 3
*BIOLOGY, *CURRICULUM DEVELOPMENT, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, EDUCATIONAL PROGRAMS, BIOLOGICAL SCIENCES CURRICULUM STUDY

312. SE 002 949 07 08 68 02 12 20 1 00 000 199
PETERSON, GLEN AND GROBMAN, HULDA
ADAPTATION OF BSCS MATERIALS BY LATIN AMERICAN BIOLOGISTS

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01 00 66 2
*BIOLOGY, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, *INSTRUCTIONAL MATERIALS, *SCIENCE COURSE IMPROVEMENT PROJECT, *TRANSLATIONS, BIOLOGICAL SCIENCES CURRICULUM STUDY, LATIN AMERICA

313. SE 003 142 03 04 68 02 12 20 1 00 000 059
PETERSON, GORDON E.
BIOLOGY TEACHING UPGRADED IN STUDY

CALIFORNIA TEACHERS ASSOCIATION JOURNAL

11 00 61 2
*BIOLOGY, *CURRICULUM DEVELOPMENT, *PAPER, *SECONDARY SCHOOL SCIENCE, BIOLOGICAL SCIENCES CURRICULUM STUDY, CALIFORNIA

314. SE 003 598 06 05 68 02 81 20 1 00 000 006
PLOUTZ, PAUL F.
THE PRINCIPALS' ROLE IN THE ELEMENTARY SCIENCE PROGRAM

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04 00 63 4
*ADMINISTRATION, *ADMINISTRATOR ROLE, *ELEMENTARY SCHOOL SCIENCE, *PRINCIPALS, CURRICULUM, EVALUATION, EDUCATIONAL PROGRAMS, SCIENCE FACILITIES, SCIENCE MATERIALS, SCIENCE EQUIPMENT, SCHOOL ADMINISTRATION

315. SE 002 749 06 10 68 02 22 20 2 00 000 003
PODE, J. S. F.
CBA AND CHEM STUDY - AN APPRECIATION

JOURNAL OF CHEMICAL EDUCATION

02 00 66 6
*CHEMISTRY, *CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, *SCIENCE COURSE IMPROVEMENT PROJECT, INSTRUCTIONAL MATERIALS, SCIENCE EDUCATION, CHEMICAL BOND APPROACH, CHEMICAL EDUCATION MATERIALS STUDY

316. SE 003 049 07 09 68 02 12 17 3 57 000 387
POLJAKOFF-MAYBER, ALEXANDRA
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66 12
*BIOLOGY, *CURRICULUM, *CURRICULUM DEVELOPMENT, *INTERNATIONAL EDUCATION, *SCIENCE COURSE IMPROVEMENT PROJECT, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, COMPARATIVE ANALYSIS, EVALUATION, EDUCATIONAL PROGRAMS, GRADE 9, RESEARCH REPORTS, STUDENT ATTITUDES, ISRAEL, BIOLOGICAL SCIENCES CURRICULUM STUDY, TEST ON UNDERSTANDING SCIENCE

317. SE 002 597 09 12 68 03 33 21 1 00 000 002
PORTE, THEODORE W.
LEARNER-CENTERED GENERAL PHYSICS COURSES

AMERICAN JOURNAL OFPHYSICS

11 00 66 1
*COURSE DESCRIPTION, *CURRICULUM, *COLLEGE SCIENCE, *PHYSICS, *SYSTEMS APPROACH, *TEACHING METHODS, CURRICULUM PLANNING, COURSE CONTENT, GENERAL SCIENCE, HIGHER EDUCATION, INSTRUCTION, OBJECTIVES, PROGRAM DESCRIPTIONS, SCIENCE COURSES, STUDENT SCIENCE INTERESTS

318. SE 002 388 07 12 68 02 92 17 2 22 000 319
POTTER, DONALD G.
EXTRA CLASS SCIENCE ACTIVITIES IN ACCREDITED COLORADO HIGH SCHOOLS AND THEIR RELATIONSHIP TO CERTAIN MEASURES OF STUDENT INTEREST IN SCIENCE

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*COCURRICULAR ACTIVITIES, *CURRICULUM, *SCIENCE FAIRS, *SCIENCE CLUBS, *SCIENCE CAREERS, *STUDENT SCIENCE INTERESTS, BIOLOGY, CAREER CHOICE, CAREERS, CHEMISTRY, DOCTORAL THESES, GENERAL SCIENCE, PHYSICS, RESEARCH REPORTS, SCIENCE ACTIVITIES, COLORADO, 1961

319. SE 002 609 10 10 67 03 23 29 2 00 000 003
POZIOMEK, EDWARD J.
NETHERLANDS' SYSTEM OF CHEMICAL EDUCATION

JOURNAL OF CHEMICAL EDUCATION

01 00 67 5
*COLLEGE SCIENCE, *CHEMISTRY, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTIONS, CHEMICAL ENGINEERING EDUCATION, CURRICULUM, ENGINEERING EDUCATION, ELEMENTARY SCHOOL SCIENCE, LECTURE COURSES, SECONDARY SCHOOL SCIENCE, SCIENCE COURSES, FULBRIGHT-HAYS ACT, NETHERLANDS

320. SE 003 537 04 18 68 02 55 20 1 00 000 006
PRICE, ROGER W.
IMPROVEMENT AS ASTRONOMY EDUCATION THROUGH A STATE-WIDE PROGRAM

SCIENCE EDUCATION

10 00 61 16
*ASTRONOMY, *BIBLIOGRAPHIES, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, CURRICULUM, BIOLOGY, CHEMISTRY, COLLEGE SCIENCE, GEOLOGY, MATHEMATICS, PHYSICS, PLANETARIUM, SCIENCE ACTIVITIES

321. SE 002 389 11 20 67 02 83 17 2 22 000 319
RAKSABOLDEJ, BITAK
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61 146
*CURRICULUM, *COLLEGE SCIENCE, *ELEMENTARY SCHOOL TEACHERS, *GENERAL EDUCATION, *INSTRUCTION, *RESEARCH REPORTS, *SCIENCE TEACHERS, *TEACHER EDUCATION, *SCIENCE COURSES, DOCTORAL THESES, EDUCATIONAL OBJECTIVES, SCIENCE FACILITIES, 1961

322. SE 002 207 02 07 68 02 91 22 1 35 000 269
RAMSEY, IRVIN L.
INDIVIDUALIZING ELEMENTARY SCHOOL SCIENCE - A PILOT STUDY

AUTHOR, OHIO STATE UNIVERSITY, COLUMBUS

02 00 66 16
*EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *INDIVIDUAL INSTRUCTION, *INDEPENDENT STUDY, PROGRAM DESCRIPTION, PROJECT REPORTS, INDIVIDUALIZED PROGRAMS

323. SE 003 687 07 11 68 02 85 20 1 00 000 006
RASKIN, ABRAHAM AND METZNER, JEROME
TRENDS IN SCIENCE EDUCATION - 1958

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02 00 60 3
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL TRENDS, *PAPERS, *SCIENCE EDUCATION, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL RESEARCH, INSTRUCTIONAL MATERIALS, INSTRUCTION, SUPERVISION, TEACHER EDUCATION

324. SE 002 266 02 07 68 03 95 29 2 51 00 152
RENIRIE, JACK
FIFTY INSTITUTES RECEIVE $2,303, 185 IN NSF GRANTS TO IMPROVE SCIENCE EDUCATION

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12 09 66 8
*CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *PROGRAM DESCRIPTION, *TEACHER EDUCATION, BIOLOGY, COLLEGE SCIENCE, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, EARTH SCIENCE, FEDERAL AID, *MATHEMATICS, OCEANOLOGY, PHYSICS, RESEARCH, SCIENCE EDUCATION, SECONDARY SCHOOL SCIENCE, TEACHING METHODS, COOPERATIVE COLLEGE-SCHOOL SCIENCE PROGRAM, NATIONAL SCIENCE FOUNDATION

325. SE 002 862 02 23 68 02 35 17 1 00 000 002
RENNER, JOHN W. AND OTHERS
IS HIGH-SCHOOL PHYSICS A "WASTE" FOR COLLEGE PREPARATION?

AMERICAN JOURNAL OF PHYSICS

08 00 65 7
*ARTICULATION, *COLLEGE SCIENCE, *COLLEGE PREPARATION, *CURRICULUM, *PHYSICS, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, SURVEY, CHEMICAL EDUCATION MATERIALS STUDY, PHYSICAL SCIENCE STUDY COMMITTEE

326. SE 003 400 09 04 68 02 35 20 1 00 000 016
REZNIKOV, L. I.
PHYSICS INSTRUCTION - THE PHYSICS COURSE IN THE SECONDARY SCHOOL

SOVIET EDUCATION

11 00 64 9
*CURRICULUM DEVELOPMENT, *GRADE 6, *GRADE 8, *INTERNATIONAL EDUCATION, *PHYSICAL SCIENCES, *PHYSICS, *SECONDARY SCHOOL SCIENCE, ATOMIC THEORY, ELECTRICITY, ELECTRONICS, HEAT, LABORATORY EXPERIMENTS, MECHANICS, MATHEMATICS, SOUND, SPACE SCIENCE, TEXTBOOKS, TEACHER QUALIFICATIONS, RUSSIA

327. SE 003 604 07 11 68 02 11 17 1 00 000 006
RICHARDSON, EVAN C.
PROPOSALS FOR IMPROVEMENT OF SCIENCE TEACHING IN NEW JERSEY ELEMENTARY SCHOOLS

SCIENCE EDUCATION

04 00 63 5
*CURRICULUM PROBLEMS, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROBLEMS, *INSTRUCTION, *TEACHER IMPROVEMENT, CURRICULUM, PROGRAMS, PROGRAM IMPROVEMENT, RESEARCH REPORTS, SCIENCE ACTIVITIES, NEW JERSEY, 1960

328. SE 003 859 08 78 68 03 83 17 3 05 000 237
ROE, ARNOLD
AN ADAPTIVE DECISION STRUCTURE FOR EDUCATIONAL SYSTEMS

EDRS, NATIONAL CASH REGISTER COMPANY

12 00 63 192
*COLLEGE SCIENCE, *COMPUTER ASSISTED INSTRUCTION, *ENGINEERING EDUCATION, *SYSTEMS ANALYSIS, CURRICULUM PLANNING, EDUCATIONAL PROGRAMS, EDUCATIONAL PLANNING, TEACHING MACHINES

329. SE 002 673 09 03 68 02 23 20 1 00 000 003
ROGERS, L. B.
TEACHING OF ANALYTICAL CHEMISTRY

JOURNAL OF CHEMICAL EDUCATION

06 00 67 2
*ANALYTICAL CHEMISTRY, *CHEMISTRY, *CURRICULUM, *INSTRUCTION, *TEACHING PROCEDURES, CURRICULUM DEVELOPMENT, COURSE CONTENT, SCIENCE COURSES

330. SE 003 781 08 22 68 02 09 22 2 51 000 780
ROGLER, PAUL V.
A PROPOSAL FOR THE DEVELOPMENT OF MATERIALS OF INSTRUCTION FOR A GENERAL MATHEMATICS CURRICULUM IN GRADE NINE

U.S. OFFICE OF EDUCATION, COOPERATIVE RESEARCH BRANCH, WASHINGTON, D.C.

10 00 67 12
*CURRICULUM DEVELOPMENT, *PROJECT REPORTS, *SECONDARY SCHOOL MATHEMATICS, *SLOW LEARNERS, ALGEBRA, EDUCATIONAL PHILOSOPHY, GRADE 9, GENERAL MATHEMATICS, GEOMETRY, UNITS OF STUDY, WILMINGTON PUBLIC SCHOOLS, DELAWARE

331. SE 003 856 08 22 68 02 09 16 3 08 000 485
ROGLER, PAUL V.
WILMINGTON OPERATIONAL MATHEMATICS PROGRAM

ERIC DOCUMENT REPRODUCTION SERVICE

10 00 67 169
*CURRICULUM, *CURRICULUM DEVELOPMENT, *MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ALGEBRA, GRADE 9, GEOMETRY

332. SE 002 602 09 03 68 02 33 06 1 00 000 002
ROLL, PETER G.
"NEW PHYSICS" AND THE MINNESOTA CONFERENCE ON NEW MATERIALS FOR INTRODUCTORY PHYSICS COURSES FOR SCIENCE AND ENGINEERING MAJORS, 6-8, MAY, 1965

AMERICAN JOURNAL OF PHYSICS

09 00 66 13
*COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *COURSE DESCRIPTIONS, *LABORATORY TRAINING, *PHYSICS, CONFERENCE REPORTS, FILMS, GENERAL EDUCATION, INSTRUCTION, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHING TECHNIQUES, COMMISSION ON COLLEGE PHYSICS, CALIFORNIA INSTITUTE OF TECHNOLOGY, MASSACHUSETTS INSTITUTE OF TECHNOLOGY, UNIVERSITY OF CALIFORNIA, WASHINGTON UNIVERSITY, BRYN MAWR COLLEGE, DARTMOUTH COLLEGE, RENSSELAER POLYTECHNIC INSTITUTE

333. SE 002 936 09 04 68 02 13 20 2 00 000 199
ROOS, THOMAS B.
AN INTRODUCTION TO THE BIOLOGICAL SCIENCES

BIOSCIENCE

10 00 65 5
*BIOLOGICAL SCIENCES, *CURRICULUM PLANNING, *COURSE ORGANIZATION, *COURSE CONTENT, CURRICULUM DEVELOPMENT, COLLEGE SCIENCE, EDUCATIONAL OBJECTIVES, UNDERGRADUATE STUDY

334. SE 002 391 11 20 67 02 22 17 2 22 000 319
ROUTH, CHARLES J.
A COMPARISON OF THE CONCEPTS TAUGHT IN SECONDARY SCHOOL CHEMISTRY COURSES IN SELECTED SCHOOLS IN CANADA, GREAT BRITAIN, NEW ZEALAND AND THE UNITED STATES

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 594
*CURRICULUM, *CHEMISTRY, *COMPARATIVE ANALYSIS, *EDUCATIONAL OBJECTIVES, *INSTRUCTION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC CONCEPTS, CURRICULUM GUIDES, CONCEPT FORMATION, DOCTORAL THESES, TEXTBOOK CONTENT, TEXTBOOK EVALUATION, TEACHING TECHNIQUES, 1961, CANADA, GREAT BRITAIN, NEW ZEALAND, UNITED STATES

335. SE 002 655 02 26 68 03 93 29 1 00 000 002
RUBY, LAWRENCE
APPLICATIONS OF NUCLEAR ENERGY - A NEW COURSE FOR THE HUMANITIES

AMERICAN JOURNAL OF PHYSICS

04 00 66 3
*COLLEGE SCIENCE, *COURSE DEVELOPMENT, *GENERAL EDUCATION,
*ATOMIC ENERGY, CHEMISTRY, COURSE DESCRIPTION, ENERGY, HUMANITIES,
*PHYSICS, PROGRAM DESCRIPTIONS, DEPARTMENT OF NUCLEAR ENGINEERING,
UNIVERSITY OF CALIFORNIA, BERKELEY

336. SE 003 907 05 28 68 02 09 17 3 51 000 279
RYAN, JAMES J.
EFFECTS OF EXPERIMENTAL PROGRAMS IN MATHEMATICS ON RELEVANT
ATTITUDES AND INTERESTS OF NINTH GRADE PUPILS AS MEASURED BY
QUESTIONNAIRE INDICES (INTERIM REPORT)

EDRS, NATIONAL CASH REGISTER COMPANY

06 00 67 70
*CURRICULUM DEVELOPMENT, *EVALUATION, *EDUCATIONAL PROGRAMS,
*INSTRUCTION, *RESEARCH REPORTS, *STUDENT CHARACTERISTICS,
*SECONDARY SCHOOL MATHEMATICS, ATTITUDES, ALGEBRA, GRADE 9,
INTERESTS, LEARNING DIFFICULTIES, MATHEMATICS, TEXTBOOKS, 1967,
AIKEN MATHEMATICS INTEREST SCALE, DUTTON MATHEMATICS ATTITUDE
SCALE, SCHOOL MATHEMATICS STUDY GROUP, BALL STATE, UNIVERSITY OF
ILLINOIS

337. SE 003 908 05 28 68 03 82 17 3 51 000 279
RYAN, JAMES J.
EFFECTS OF EXPERIMENTAL PROGRAMS IN NINTH GRADE ALGEBRA ON PUPILS'
SUBSEQUENT ENROLLMENT AND PERFORMANCE IN MATHEMATICS AND SCIENCE
SUBJECTS

EDRS, NATIONAL CASH REGISTER COMPANY

08 00 67 21
*CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *MATHEMATICS,
*RESEARCH REPORTS, *SECONDARY SCHOOL MATHEMATICS, *SECONDARY SCHOOL
SCIENCE, ACADEMIC ACHIEVEMENT, EXPERIMENTAL PROGRAMS, GRADE 9,
GRADE 10, GRADE 11, BALL STATE, UNIVERSITY OF ILLINOIS COMMITTEE
ON SCHOOL MATHEMATICS, SCHOOL MATHEMATICS STUDY GROUP, UNITED
STATES DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

338. SE 003 039 02 27 68 02 32 20 1 00 000 002
SACHS, THOMAS D.
ORGANIZED PHYSICAL THEORY IN THE JUNIOR HIGH SCHOOL

AMERICAN JOURNAL OF PHYSICS

10 00 65 1
*CURRICULUM, *EDUCATIONAL PROGRAM, *MATHEMATICS, *PAPERS, *PHYSICS,
*PHYSICAL SCIENCES, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT,
GRADE 7, GRADE 8, PHYSICAL THEORY

339. SE 003 152 06 10 68 02 13 29 2 00 000 199
SARGENT, FREDERICK, II AND OTHERS
EDUCATIONAL DIRECTIONS

BIOSCIENCE

08 00 65 9
*BIOLOGY, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *HIGHER EDUCATION, *HUMAN ECOLOGY, *PROGRAM DESCRIPTIONS, BEHAVIORAL SCIENCES, CURRICULUM DEVELOPMENT, ECOLOGY, GRADUATE STUDY, MEDICAL STUDENTS

340. SE 002 822 09 09 68 02 95 22 2 00 000 006
SAINT-ROSSEY, DAN
A REPORT CONCERNING SOME PROBLEMS IN SECONDARY SCIENCE AND MATHEMATICS EDUCATION IN THE REPUBLIC OF CHINA

SCIENCE EDUCATION

12 00 64 12
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *SECONDARY SCHOOL SCIENCE, BIOLOGY, CHEMISTRY, EDUCATIONAL PROGRAMS, EDUCATIONAL OBJECTIVES, INTERNATIONAL EDUCATION, MATHEMATICS EDUCATION, PHYSICAL SCIENCES, PHYSICS, SOCIOECONOMIC INFLUENCES, SCIENCE EQUIPMENT, SCIENCE FACILITIES, TEXTBOOKS, TEACHING METHODS, TEACHERS, CHINA, TAIWAN

341. SE 003 865 08 30 68 04 93 17 2 51 000 280
SCHNELLE, KARL B.
AN EVALUATION OF A SUMMER INSTITUTE TO TRAIN INSTRUCTORS OF INSTRUMENT TECHNOLOGY

U.S. OFFICE OF EDUCATION, COOPERATIVE RESEARCH BRANCH, WASHINGTON, D.C.

08 00 67 55
*EDUCATIONAL PROGRAMS, *INSTRUMENTATION TECHNICIANS, *PROGRAM EVALUATION, *SUMMER INSTITUTES *TEACHER EDUCATION, *TECHNOLOGY, BIOLOGY, CHEMISTRY, EVALUATION, HIGHER EDUCATION, INSTITUTES (TRAINING PROGRAMS), PHYSICS, RESEARCH REPORTS, 1967, NEW YORK

342. SE 002 265 03 08 68 02 95 29 1 00 000 045
SCHULZ, RICHARD W.
BUILDING A SCIENCE CURRICULUM

NEA JOURNAL

10 00 64 3
*CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *PROGRAM DESCRIPTION, BIOLOGY, EDUCATIONAL OBJECTIVES, ECOLOGY, EARTH SCIENCE, GRADE 4, GRADE 8, GRADE 9, GENERAL SCIENCE, MATHEMATICS, SECONDARY SCHOOL SCIENCE, SCIENCE EDUCATION, SOCIAL STUDIES, CEDAR RAPIDS, IOWA

GPO 810–754–5

343. SE 003 266 09 04 68 02 85 20 2 00 000 096
SCHWAB, JOSEPH J.
INQUIRY, THE SCIENCE TEACHER, AND THE EDUCATOR

SCHOOL REVIEW

60 20
*CURRICULUM, *EDUCATIONAL PROBLEMS, *INQUIRY TRAINING, *TEACHING PROCEDURES, *TEACHER EDUCATION, COLLEGE SCIENCE, EDUCATIONAL OBJECTIVES, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL CHANGE, INSTRUCTION, LABORATORY TRAINING, SECONDARY SCHOOL SCIENCE, SCIENTIFIC LITERACY, SCIENCE HISTORY, SCIENTIFIC MANPOWER

344. SE 003 545 04 18 68 02 63 20 1 00 000 006
SCHWARTZ, DONALD
FUNDAMENTAL SCIENCE COURSE - THE NATURE OF THINGS

SCIENCE EDUCATION

10 00 61 3
*CURRICULUM, *COURSE DESCRIPTIONS, *CHEMISTRY, *COLLEGE SCIENCE, *GEOLOGY, *PHYSICS, *SCIENCE COURSES, *UNIFIED SCIENCE, ASTRONOMY, BIOLOGY, EVOLUTION

345. SE 003 055 02 27 68 17 11 15 2 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
LIFE CYCLES - A SCIENCE UNIT FOR THE PRIMARY GRADES

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY

09 00 67 70
*BIOLOGY, *ELEMENTARY SCHOOL SCIENCE, *ECOLOGY, *INSTRUCTIONAL MATERIALS, *LIFE CYCLES, *PRIMARY GRADES, *SCIENCE EQUIPMENT, *SCIENCE MATERIALS, *SCIENCE ACTIVITIES, *SCIENCE COURSE IMPROVEMENT PROJECT, *SCIENCE UNITS, AUDIOVISUAL AIDS, CURRICULUM DEVELOPMENT, CONCEPT FORMATION, EDUCATIONAL PROGRAMS, EDUCATIONAL OBJECTIVES, INSTRUCTION, TEACHING GUIDES, TEACHING METHODS, SCIENCE CURRICULUM IMPROVEMENT STUDY

346. SE 003 082 07 10 68 03 91 32 1 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
SCIENCE CURRICULUM IMPROVEMENT STUDY NEWSLETTER

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY

67 12
*ACADEMIC ACHIEVEMENT, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, *MATHEMATICS, *NEWSLETTERS, *RESEARCH REPORTS, *SCIENCE COURSE IMPROVEMENT PROJECT, AUDIOVISUAL AIDS, BIOLOGY, CURRICULUM DEVELOPMENT, FILMS, INSTRUCTIONAL MATERIALS, SCIENCE UNITS, SOCIOECONOMIC INFLUENCES

347. SE 003 048 09 04 68 18 51 15 3 00 000 367
SCIENCE CURRICULUM IMPROVEMENT STUDY
TEACHER'S GUIDE FOR POSITION AND MOTION - A SCIENCE UNIT FOR THE UPPER ELEMENTARY GRADES

SCIENCE CURRICULUM IMPROVEMENT STUDY, UNIVERSITY OF CALIFORNIA, BERKELEY 94720

09 00 67 77
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTION, *MOTION, *PHYSICAL SCIENCES, *SCIENCE UNITS, *TEACHING GUIDES, DISCOVERY LEARNING, SCIENCE EQUIPMENT, SCIENCE COURSE IMPROVEMENT PROJECT, NATIONAL SCIENCE FOUNDATION, SCIENCE CURRICULUM IMPROVEMENT STUDY

348. SE 003 648 03 21 68 02 91 20 1 00 000 006
SCOTT, LLOYD
AN EXPERIMENT IN TEACHING BASIC SCIENCE IN THE ELEMENTARY SCHOOL

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03 00 62 4
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, CURRICULUM, FORCE, MATHEMATICS, MATTER, PROGRAM DESCRIPTIONS, SCIENCE CURRICULUM IMPROVEMENT PROJECT, ZOOLOGY, ELEMENTARY SCHOOL SCIENCE PROJECT

349. SE 002 474 04 03 68 02 91 29 1 00 000 008
SCOTT, LLOYD
UCESSP - AN EXPERIMENT IN DIVERSITY

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 7
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *EVALUATION, *INSTRUCTIONAL MATERIALS, *PROGRAM DESCRIPTIONS, *SCIENCE COURSE IMPROVEMENT PROJECT, UNIFIED SCIENCE, BOTANY, CHEMISTRY, ECOLOGY, GENETICS, MATHEMATICS, PHYSIOLOGY, PHYSICS, ZOOLOGY, UNIVERSITY OF CALIFORNIA, ELEMENTARY SCHOOL SCIENCE PROJECT

350. SE 003 649 03 21 68 02 91 18 1 00 000 006
SCOTT, LLOYD
THE UNIVERSITY OF CALIFORNIA ELEMENTARY SCHOOL SCIENCE PROJECT - A TWO-YEAR REPORT

SCIENCE EDUCATION

03 00 62 5
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *ELEMENTARY SCHOOL MATHEMATICS, *INSTRUCTIONAL MATERIALS, *PHYSICAL SCIENCE, CURRICULUM, EVALUATION, FORCE, MATHEMATICS, RESEARCH REPORTS, SCIENCE CURRICULUM IMPROVEMENT PROJECT, ZOOLOGY, ELEMENTARY SCHOOL SCIENCE PROJECT, 1962

351. SE 001 704 09 18 68 03 85 37 1 47 000 449
SEATTLE PUBLIC SCHOOLS
PACIFIC SCIENCE CENTER

SEATTLE PUBLIC SCHOOLS, WASHINGTON

65 14
*COMMUNITY RESOURCES, *EDUCATIONAL PROGRAMS, *ELEMENTARY SCHOOL SCIENCE, PROJECT REPORT, *SECONDARY SCHOOL SCIENCE, *SCIENCE FACILITIES, *SCIENCE CENTERS, SCIENCE EXHIBITS, PACIFIC SCIENCE CENTER, SEATTLE, WASHINGTON

352. SE 003 226 03 04 68 03 95 29 2 00 000 369
SHOMON, JOSEPH H.
A NATURE CENTER FOR YOUR COMMUNITY

NATIONAL AUDUBON SOCIETY

62 40
*CONSERVATION EDUCATION, *NATURE CENTERS, *OUTDOOR EDUCATION, *PROGRAM PLANNING, ADULT EDUCATION, BIOLOGY, EARTH SCIENCE, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL OBJECTIVES, GENERAL SCIENCE, PROGRAM DESCRIPTION, SECONDARY SCHOOL SCIENCE, URBAN EDUCATION, NATIONAL AUDUBON SOCIETY

353. SE 003 735 09 18 68 02 92 06 1 35 000 269
SHOWALTER, VICTOR
FEDERATION FOR UNIFIED SCIENCE EDUCATION BULLETIN

OHIO STATE UNIVERSITY, COLUMBUS

10 00 67 10
*CONFERENCE REPORTS, *CURRICULUM PROBLEMS, *PROGRAM DESCRIPTIONS, *SECONDARY SCHOOL SCIENCE, *UNIFIED SCIENCE, BIOLOGY, CONFERENCES, CHEMISTRY, EDUCATIONAL PROGRAM,INTERDISCIPLINARY PROGRAMS, PHYSICS, RESEARCH REVIEWS, SCIENCE MATERIALS, SCIENCE COURSES, FEDERATION FOR UNIFIED SCIENCE EDUCATION

354. SE 003 401 09 12 68 03 43 20 2 00 000 338
SHROCK, ROBERT R.
THE GEOPHYSICAL SERVICE INCORPORATED STUDENT COOPERATIVE PLAN

GEOTIMES

12 00 66 6
*COOPERATIVE PROGRAMS, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *EARTH SCIENCE, *GEOLOGY, CAREER OPPORTUNITIES, METEOROLOGY, OCEANOLOGY

355. SE 002 432 02 14 68 03 23 17 1 00 000 006
SIEBRING, B. RICHARD
INSTITUTIONAL INFLUENCES IN THE UNDERGRADUATE TRAINING OF PH.D.
CHEMISTS II

SCIENCE EDUCATION

10 00 65 2
*ACHIEVEMENT, ABLE STUDENTS, *COMPARATIVE ANALYSIS, CHEMISTRY, COLLEGE SCIENCE, *DOCTORAL DEGREES, GRADUATE STUDENTS, GRADUATE STUDY, *INSTITUTIONAL INFLUENCES, *RESEARCH REPORTS, UNDERGRADUATE STUDY, UNIVERSITIES

356. SE 003 888 09 09 68 02 23 20 1 00 000 003
SIGGIA, SIDNEY
A THIRD DIMENSION IN THE TEACHING OF ANALYTICAL CHEMISTRY

JOURNAL OF CHEMICAL EDUCATION

09 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *COGNITIVE PROCESSES, *CURRICULUM DEVELOPMENT, *UNDERGRADUATE STUDY, ANALYTICAL CHEMISTRY, GRADUATE STUDY, INSTRUCTION, TEACHING TECHNIQUES

357. SE 003 779 09 18 68 02 96 35 1 05 000 237
SILVERN, G. M. AND SILVERN, L. C.
COMPUTER ASSISTED INSTRUCTION SYSTEMS (CAI)

UNIVERSITY OF CALIFORNIA, LOS ANGELES

12 00 67 5
*COMPUTER ASSISTED INSTRUCTION, *COMPUTER PROGRAMS, *COURSE CONTENT, *CURRICULUM, *PROGRAMED INSTRUCTION, HIGHER EDUCATION, INSTRUCTION, PROGRAMS, LOS ANGELES, UNIVERSITY OF CALIFORNIA EXTENSION, 1967

358. SE 002 364 02 14 68 02 22 17 2 22 000 319
SIPPO, CARMINE C.
THE DEVELOPMENT OF GUIDING PRINCIPLES FOR A HIGH SCHOOL CHEMISTRY COURSE FOR COLLEGE PREPARATION AND GENERAL EDUCATION FOR THE SECONDARY SCHOOLS OF UNION CITY, NEW JERSEY

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 483
*BEHAVIOR OBJECTIVES, *CURRICULUM DEVELOPMENT, *CURRICULUM PLANNING, CHEMISTRY, *COURSE CONTENT, DOCTORAL THESES, *EDUCATIONAL OBJECTIVES, *GENERAL EDUCATION, RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, STUDENT OPINION, TEACHER OPINION, TEACHER INFLUENCE, *SCIENCE COURSES, 1961

359. SE 003 544 04 18 68 02 93 29 1 00 000 006
SLEEMAN, RICHARD ALEXANDER
A PROPOSED PROGRAM FOR GENERAL EDUCATION AT CASTLETON TEACHERS COLLEGE, CASTLETON, VERMONT

SCIENCE EDUCATION

10 00 61 5
*COURSE DESCRIPTIONS, *CURRICULUM, *EDUCATIONAL PROGRAMS, *GENERAL EDUCATION, *PROBLEM SOLVING, *SCIENCE COURSES, PROGRAM DESCRIPTIONS, CASTLETON, VERMONT

360. SE 003 357 07 10 68 02 81 29 1 00 000 046
SMITH, CAMERON
IMPACT OF THE NEW NATIONAL SCIENCE CURRICULA ON THE ESTABLISHED SCIENCE PROGRAM

AMERICAN SCHOOL BOARD JOURNAL

02 00 66 3
*CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *INSERVICE TEACHER EDUCATION, *PROGRAM DESCRIPTION, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHER BACKGROUND, RACINE, WISCONSIN

361. SE 003 712 05 28 68 08 51 17 3 51 000 279
SMITH, GARY R.
PROBABILITY ESTIMATES OF THE CAPACITIES OF INTERMEDIATE PUPILS TO UNDERSTAND SELECTED PHYSICAL SCIENCE GENERALIZATIONS

EDRS, NATIONAL CASH REGISTER COMPANY

08 00 67 469
*ACADEMIC ACHIEVEMENT, *CONCEPT FORMATION, *COMPREHENSION, *GRADE 4, *GRADE 5, *GRADE 6, *INSTRUCTIONAL MATERIALS, *LEARNING, *INSTRUCTION, *PHYSICAL SCIENCES, *SCIENCE UNITS, *SOCIOECONOMIC INFLUENCES, BIBLIOGRAPHIES, CURRICULUM DEVELOPMENT, ELECTRICITY, RESEARCH REPORTS, STUDENT CHARACTERISTICS, DETROIT, MICHIGAN, 1967

362. SE 003 080 07 10 68 03 96 32 1 48 000 200
SMITH, REX M.
PROJECTS TO ADVANCE CREATIVITY IN EDUCATION NEWSLETTER

WEST VIRGINIA STATE DEPARTMENT OF EDUCATION, CHARLESTON

07 00 67 10
*EDUCATIONAL PROGRAMS, *NEWSLETTERS, *PROGRAM DESCRIPTIONS, ART, AUDIOVISUAL CENTERS, ELEMENTARY EDUCATION, FIELD TRIPS, LANGUAGE ARTS, MUSIC, PROGRAM EVALUATION, STUDENT SEMINARS, SUMMER PROGRAMS, SECONDARY SCHOOL STUDENTS, SECONDARY SCHOOL EDUCATION, PROJECTS TO ADVANCE CREATIVITY IN EDUCATION, REGION VI - PACE EDUCATION CENTER

363. SE 003 173 09 16 68 02 90 29 1 48 000 200
SMITH, REX M.
PROJECTS TO ADVANCE CREATIVITY IN EDUCATION NEWSLETTER - SCIENCE

WEST VIRGINIA STATE DEPARTMENT OF EDUCATION

02 00 67 8
*CURRICULUM, *INSERVICE TEACHER EDUCATION, *PROGRAM DESCRIPTIONS,
*SCIENCE ACTIVITIES, CURRICULUM DEVELOPMENT, INSTRUCTION

364. SE 002 076 10 10 67 02 23 29 1 00 000 003
SMITH, ROBERT B.
A BREAK WITH INSTRUCTIONAL TRADITIONS IN ORGANIC CHEMISTRY

JOURNAL OF CHEMICAL EDUCATION

03 00 67 2
*COLLEGE SCIENCE, *CHEMISTRY, *CURRICULUM DEVELOPMENT, *ORGANIC
CHEMISTRY, *PROGRAM DESCRIPTIONS, EDUCATIONAL PROGRAMS, NEVADA
SOUTHERN UNIVERSITY

365. SE 002 940 07 08 68 03 13 29 1 00 000 199
STANLEY, ROBERT G.
BIOLOGICAL SCIENCES AT THE UNIVERSITY OF NIJMEGEN, NETHERLANDS

BIOSCIENCE

12 00 65 3
*BIOLOGICAL SCIENCES, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS,
*PROGRAM DESCRIPTIONS, *SCIENTIFIC RESEARCH, *UNIVERSITIES,
INTERNATIONAL EDUCATION, LIBRARY FACILITIES, SCIENCE FACILITIES,
UNIVERSITY OF NIJMEGEN, NETHERLANDS

366. SE 002 817 04 04 68 02 95 29 1 00 000 006
STAPP, WILLIAM B.
INTEGRATING CONSERVATION EDUCATION INTO THE EXISTING CURRICULUM
OF THE ANN ARBOR PUBLIC SCHOOL SYSTEM (K-12)

SCIENCE EDUCATION

12 00 64 6
*CONSERVATION EDUCATION, *CURRICULUM DEVELOPMENT, *ELEMENTARY
SCHOOL SCIENCE, *EDUCATIONAL PROGRAMS, *FIELD TRIPS, *OBJECTIVES,
*PROGRAM DESCRIPTIONS, *SCIENCE EDUCATION, *SECONDARY SCHOOL
SCIENCE, BIOLOGY, EARTH SCIENCE, INSTRUCTIONAL MATERIALS,
INSERVICE TEACHER EDUCATION, TEACHER EDUCATION, ANN ARBOR, MICHIGAN

367. SE 002 046 11 20 67 10 12 17 2 22 000 319
STARLING, JOHN TULL
INTEGRATING BIOLOGICAL PRINCIPLES WITH INSTRUCTION IN VOCATIONAL AGRICULTURE

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

64 153
*AGRICULTURE, *BIOLOGY, *INSTRUCTION, *RESEARCH REPORTS, *SECONDARY SCHOOL SCIENCE, *SCIENTIFIC PRINCIPLES, *VOCATIONAL AGRICULTURE, COMPARATIVE ANALYSIS, CONVENTIONAL INSTRUCTION, DOCTORAL THESES, STUDENT INTEREST, SCIENTIFIC CONCEPTS, OHIO, 1964

368. SE 003 968 09 09 68 02 85 25 2 00 000 100
STERNIG, JOHN
THE ELEMENTARY GRADES AND JUNIOR HIGH SCHOOLS REPORT MORE CONTENT AND BETTER METHODS IN TEACHING OF SCIENCE, AND ALSO URGENT NEED FOR FACILITIES AND UPGRADING OF PERSONNEL

NATION'S SCHOOLS

02 00 60 8
*ADMINISTRATION, *CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *INSTRUCTIONAL IMPROVEMENT, *PROGRAM CONTENT, *SECONDARY SCHOOL SCIENCE, *TEACHING METHODS, EDUCATIONAL OBJECTIVES, INSERVICE PROGRAMS, SCIENCE FACILITIES, SCIENCE EQUIPMENT, SCIENCE UNITS, SOCIOECONOMIC INFLUENCES, SCIENCE CONSULTANTS

369. SE 002 911 03 08 68 03 82 20 1 00 000 002
STORMS, M. CARLTON
PROCEEDINGS - SUMMER SCIENCE PROGRAM FOR SECONDARY SCHOOL STUDENTS

AMERICAN JOURNAL OF PHYSICS

07 00 67 1
*EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, *SUMMER SCIENCE PROGRAMS, NATIONAL SCIENCE FOUNDATION, THAYER ACADEMY, BRAINTREE, MASSACHUSETTS

370. SE 003 331 03 04 68 02 33 20 1 00 000 009
STREET, STEWART A.
TRENDS IN THE PHYSICS CURRICULUM

THE PHYSICS TEACHER

10 00 67 3
*COLLEGE SCIENCE, *CURRICULUM, *SCIENCE EDUCATION HISTORY, * PAPER, *PHYSICS, *SECONDARY SCHOOL SCIENCE, NATURAL PHILOSOPHY, NATIONAL EDUCATION ASSOCIATION, COMMITTEE OF TEN, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE, AAPT COMMITTEE ON COLLEGE ENTRANCE, PHYSICAL SCIENCE STUDY COMMITTEE, NATIONAL SCIENCE FOUNDATION

371. SE 002 063 02 06 68 02 93 20 2 00 000 003
STURTEVANT, JULIAN M.
BIOCHEMISTRY IN THE INTRODUCTORY COLLEGE CHEMISTRY COURSE

JOURNAL OF CHEMICAL EDUCATION

04 00 67 4
*BIOCHEMISTRY, *CHEMISTRY, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *CURRICULUM, *SCIENCE COURSES, BIBLIOGRAPHIES, BIOLOGY, COURSE CONTENT, NATIONAL SCIENCE FOUNDATION

372. SE 003 899 09 27 68 22 83 25 2 35 000 455
SUB-COMMITTEE ON ENGINEERING EDUCATION
ENGINEERING EDUCATION

MIAMI UNIVERSITY, OXFORD, OHIO

03 00 63 125
*ENGINEERING EDUCATION, ABLE STUDENTS, CURRICULUM, *EDUCATIONAL PROGRAMS, EDUCATIONAL IMPROVEMENT, ENGINEERS, RESEARCH REPORTS, STUDENT CHARACTERISTICS, SCIENTIFIC MANPOWER, TECHNOLOGY, 1963, MIAMI UNIVERSITY, OHIO

373. SE 003 078 07 10 68 03 95 32 1 13 000 422
SUCHMAN, RICHARD J.
ILLINOIS STUDIES IN INQUIRY TRAINING

UNIVERSITY OF ILLINOIS, URBANA

10 00 64 4
*EDUCATIONAL PROGRAMS, *INQUIRY TRAINING, *NEWSLETTERS, ABLE STUDENTS, AUDIOVISUAL AIDS, ELEMENTARY SCHOOL SCIENCE, FILMS, INSTRUCTIONAL MATERIALS, PROBLEM SOLVING, SUMMER INSTITUTES, ILLINOIS STUDIES IN INQUIRY TRAINING

374. SE 002 844 02 23 68 03 92 20 1 00 000 006
SUMMERLIN, LEE R. AND DARROW, STEWART P.
THE TEACHING OF HIGH SCHOOL CHEMISTRY AND PHYSICS IN THE CENTO COUNTRIES

SCIENCE EDUCATION

04 00 65 6
*CHEMISTRY, *EDUCATIONAL PROGRAMS, *EDUCATIONAL OBJECTIVES, *PHYSICS, *SECONDARY SCHOOL SCIENCE, *TEXTBOOKS, CURRICULUM DEVELOPMENT, DISCOVERY LEARNING, EVALUATION, INSTRUCTION, INTERNATIONAL EDUCATION, LEARNING, SCIENCE FACILITIES, TEACHER EDUCATION, CENTO, PHYSICAL SCIENCE STUDY COMMITTEE, NUFFIELD FOUNDATION, CHEMICAL EDUCATION MATERIAL STUDY, UNITED KINGDOM, PAKISTAN, IRAN, TURKEY

375. SE 003 162 03 04 68 11 92 29 1 00 000 412
SUTTLE, S. W.
NATIONAL SCIENCE FOUNDATION ACTIVITIES AT INDIANA STATE

COLLEGE JOURNAL

03 00 62 4
*ASTRONOMY, *EDUCATIONAL PROGRAMS, *GEOLOGY, *PHYSICS, *PROGRAM DESCRIPTION, *SCIENCE TEACHERS, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, INSERVICE INSTITUTES, SUMMER INSTITUTES, NATIONAL SCIENCE FOUNDATION, INDIANA STATE COLLEGE, TERRE HAUTE

376. SE 002 472 07 08 68 02 81 20 1 00 000 008
SWARTZ, CLIFFORD
ELEMENTARY SCHOOL SCIENCE BY A QUANTITATIVE APPROACH

JOURNAL OF RESEARCH IN SCIENCE TEACHING

12 00 64 7
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *MATERIAL DEVELOPMENT, *SCIENCE UNITS, CURRICULUM PLANNING, INSTRUCTION, INSTRUCTIONAL MATERIALS, SCIENCE EDUCATION

377. SE 002 970 03 19 68 03 95 25 2 00 000 009
SWARTZ, CLIFFORD E. AND PALDY, LESTER G.
INTERNATIONAL PHYSICS EDUCATION

THE PHYSICS TEACHER

09 00 67 4
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, BIOLOGY, ASTRONOMY, CHEMISTRY, CURRICULUM DEVELOPMENT, GEOLOGY, UNIFIED SCIENCE, INSTRUCTIONAL MATERIALS, PHYSICS, SCIENCE EDUCATION, SCIENCE EQUIPMENT, SCIENCE FACILITIES, UNION OF SOVIET SOCIALIST REPUBLICS, NATIONAL SCIENCE FOUNDATION, COUNCIL FOR SCIENTIFIC AND INDUSTRIAL VOCATIONAL EDUCATION, RESEARCH, PHYSICAL SCIENCE STUDY COMMITTEE, NEW ZEALAND, AUSTRALIA

378. SE 003 424 07 10 68 03 93 22 1 00 000 366
TAYLOR, CALVIN W.
AN ANALYSIS OF THE EVALUATION PANEL SUGGESTIONS ON THE 1953 NSF FELLOWSHIP MATERIAL

NATIONAL ACADEMY OF SCIENCE, WASHINGTON, D.C.

02 25 54 13
*DATA ANALYSIS, *DOCTORAL PROGRAMS, *EVALUATION, *FOUNDATION PROGRAMS, *PROGRAM EVALUATION, FELLOWSHIPS, GRADUATE STUDY, NATURAL SCIENCES, SCIENCE INSTITUTES, NATIONAL SCIENCE FOUNDATION

379. SE 003 789 09 06 68 02 09 16 1 43 000 200
TEXAS EDUCATION AGENCY MATHEMATICS 7 THROUGH 12

TEXAS EDUCATION AGENCY

09 00 62 189
*BIBLIOGRAPHIES, *CURRICULUM DEVELOPMENT, *COURSE CONTENT, MATHEMATICS, *SECONDARY SCHOOL MATHEMATICS, ACCELERATED PROGRAMS, ALGEBRA, ANALYTICAL GEOMETRY, CURRICULUM, COLLEGE BOUND STUDENTS, PROBABILITY, TEXAS, 1962

380. SE 002 820 09 03 68 03 82 17 2 00 000 006
THELEN, L. J.
THE IMPACT OF SCIENCE FAIRS ON STUDENT EXHIBITORS

SCIENCE EDUCATION

12 00 64 5
*OCCUPATIONAL CHOICE, *SCIENCE FAIRS, *SECONDARY SCHOOL SCIENCE, EVALUATION, EDUCATIONAL PROGRAMS, RESEARCH REPORTS, SCIENCE ACTIVITIES, SCIENCE PROJECTS, UNIVERSITY OF MASSACHUSETTS

381. SE 002 408 09 06 67 02 81 20 1 00 000 006
THIER, HERBERT D.
THE ROLE OF THE ELEMENTARY SCHOOL TEACHER IN RELATION TO THE CURRICULUM REFORM MOVEMENT

SCIENCE EDUCATION

04 00 67 3
*CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *SCIENCE TEACHERS, PAPERS, TEACHING PROCEDURES

382. SE 002 815 03 21 68 02 85 29 1 00 000 006
THOMPSON, JAMES J.
A NEW METHOD OF SCIENCE TEACHING

SCIENCE EDUCATION

10 00 64 4
*CURRICULUM DEVELOPMENT, *DEVELOPING NATIONS, *INTERNATIONAL EDUCATION, *PROGRAM DESCRIPTIONS, *SCIENCE CURRICULUM IMPROVEMENT PROJECT, *SCIENCE EDUCATION, *TEACHING METHODS, COLLEGE SCIENCE, ELEMENTARY SCHOOL SCIENCE, MATHEMATICS EDUCATION, SCIENTIFIC METHODOLOGY, SECONDARY SCHOOL SCIENCE, ENGLAND

383. SE 003 332 09 04 68 02 12 20 1 00 000 009
THOMPSON, PETER
HIGH SCHOOL BIOPHYSICS

THE PHYSICS TEACHER

10 00 67 4
*BIOLOGY, *ELECTRICITY, *HEAT, *LIGHT, *MECHANICS, *PHYSICS, *SCIENCE COURSES, *SECONDARY SCHOOL SCIENCE, *SOUND, BIBLIOGRAPHIES, PHYSICAL SCIENCES

384. SE 003 129 02 29 68 03 93 20 1 00 000 005
TIZARD, H. T.
SCIENCE AT THE UNIVERSITIES

SCHOOL AND SOCIETY

09 22 34 5
*COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GENERAL EDUCATION, *UNIVERSITIES, BIOLOGY, EXAMINATIONS, *SCIENCE EDUCATION HISTORY, PHILOSOPHY, SCIENTISTS, TECHNICIANS, ENGLAND

385. SE 002 250 09 03 68 25 22 16 2 00 000 016
TSNETKOV, L. A.
TEACHING ORGANIC CHEMISTRY IN THE ELEVENTH GRADE WITH THE NEW TEXTBOOK

SOVIET EDUCATION

04 00 64 10
*CHEMISTRY, *COURSE CONTENT, *CURRICULUM, *FOREIGN COUNTRIES, *GRADE 11, *INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, ORGANIC CHEMISTRY, TEXTBOOKS, RUSSIA

386. SE 002 128 11 20 67 02 85 20 1 00 000 001
TUCKER, JAN L.
SCIENCE EDUCATION IN A CHANGING SOCIETY

THE AMERICAN BIOLOGY TEACHER

05 00 67 3
*CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *PAPERS, *SCIENCE AND SOCIETY, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, EDUCATIONAL OBJECTIVES

387. SE 003 772 04 08 68 02 15 16 2 00 000 205
TURNER, C. E.
PLANNING FOR HEALTH EDUCATION IN SCHOOLS

UNESCO PUBLICATIONS

66 157
*CURRICULUM GUIDES, *CURRICULUM PLANNING, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *HEALTH EDUCATION, *SECONDARY SCHOOL SCIENCE, *TEACHER EDUCATION, ADULT EDUCATION, COMMUNITY HEALTH SERVICES, EDUCATIONAL PROGRAMS, EDUCATIONAL NEEDS, HEALTH, INTERNATIONAL EDUCATION, INSTRUCTION, PUBLIC HEALTH, RURAL EDUCATION, SCIENCE ACTIVITIES, TEACHING METHODS, URBAN EDUCATION, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION, WORLD HEALTH ORGANIZATION

388. SE 002 366 02 14 68 02 86 17 1 22 000 319
UFFELMAN, ROBERT LANNOYE
THE CENTRALLY-COORDINATED APPROACH - TEACHER ACCEPTANCE OF A SCIENCE CURRICULUM DEVELOPMENT PROGRAM

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

62 76
*ADOPTION, *CURRICULUM, *CURRICULUM DEVELOPMENT, *CURRICULUM PLANNING, DOCTORAL THESES, *EDUCATIONAL OBJECTIVES, *INSERVICE TEACHER EDUCATION, *EDUCATIONAL PROGRAMS, *RESEARCH REPORTS, *TEACHER ATTITUDES, *TEACHING METHODS

389. SE 002 314 03 20 68 02 95 29 1 00 000 007
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION
LOOKING AHEAD IN SCIENCE TEACHING AROUND THE WORLD

THE SCIENCE TEACHER

01 00 67 2
*CURRICULUM, *DEVELOPING NATIONS, *EDUCATIONAL PROGRAMS, *INTERNATIONAL EDUCATION, PROGRAM DESCRIPTIONS, AUDIOVISUAL AIDS, CHEMISTRY, COLLEGE SCIENCE, EDUCATIONAL PROBLEMS, GEOLOGY, GRADUATE STUDY, INSTRUCTIONAL MATERIALS, PHYSICS, SECONDARY SCHOOL SCIENCE, TEACHER EDUCATION

390. SE 003 817 09 12 68 02 95 29 2 00 000 205
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION
POLYTECHNICAL EDUCATION IN THE U.S.S.R.

UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION PUBLICATIONS

63 433
*AGRICULTURAL EDUCATION, *BIOLOGY, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *ENGINEERING EDUCATION, *GENERAL EDUCATION, *SCIENCE EDUCATION HISTORY, *INTERNATIONAL EDUCATION, *VOCATIONAL EDUCATION, AGRICULTURE, CHEMISTRY, EDUCATIONAL OBJECTIVES, ENGINEERING, INDUSTRY, INSTRUCTION, MATHEMATICS, OCCUPATIONS, PHYSICAL SCIENCES, PHYSICS, RURAL SCHOOLS, SCIENCE FACILITIES, SECONDARY SCHOOL SCIENCE, TEACHER EDUCATION, TEACHING METHODS, TEACHER QUALIFICATIONS, URBAN SCHOOLS, RUSSIA, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION

391. SE 003 439 05 28 68 03 86 06 3 00 000 205
PROBLEMS AND STRATEGIES OF EDUCATIONAL PLANNING

UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION PUBLICATIONS

65 118
*DEVELOPING NATIONS, *EDUCATIONAL PLANNING, *EDUCATIONAL PROGRAMS, *EDUCATIONAL IMPROVEMENT, *INTERNATIONAL EDUCATION, *MANPOWER DEVELOPMENT, ADMINISTRATIVE ORGANIZATION, AGRICULTURAL EDUCATION, ADULT EDUCATION, CONFERENCE REPORTS, ELEMENTARY EDUCATION, ECONOMIC DEVELOPMENT, EDUCATIONAL NEEDS, EDUCATIONAL PROBLEMS, HIGHER EDUCATION, SECONDARY EDUCATION, SOCIAL DEVELOPMENT, SOCIAL PROBLEMS, SOCIAL CHANGE, SCIENCE EDUCATION, INTERNATIONAL INSTITUTE FOR EDUCATIONAL PLANNING, LATIN AMERICA, ORGANIZATION OF AMERICAN STATES, UNITED NATIONS, UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION

392. SE 003 774 09 12 68 02 95 29 2 00 000 205
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION
SCIENCE TEACHING IN THE SECONDARY SCHOOLS OF TROPICAL AFRICA
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION PUBLICATIONS
63 79
*CONFERENCE REPORTS, *CURRICULUM, *FOREIGN COUNTRIES, *SECONDARY SCHOOL SCIENCE, INSERVICE TEACHER EDUCATION, INTERNATIONAL EDUCATION, LABORATORY FACILITIES, SCIENCE EQUIPMENT, TEXTBOOKS, TEACHER EDUCATION, AFRICA

393. SE 003 771 09 12 68 25 93 06 2 00 000 205
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION
THE TEACHING OF SCIENCE IN AFRICAN UNIVERSITIES
UNITED NATIONS EDUCATION, SCIENTIFIC AND CULTURAL ORGANIZATION PUBLICATIONS
64 112
*COLLEGE SCIENCE, *CONFERENCE REPORTS, *CURRICULUM, *FOREIGN COUNTRIES, *INTERNATIONAL EDUCATION, *SCIENCE EDUCATION, ADMINISTRATION, CHEMISTRY, EDUCATIONAL PROBLEMS, GEOLOGY, MATHEMATICS, PHYSICS, AFRICA

394. SE 003 110 02 29 68 02 62 17 2 22 000 231
VAN DEVENTER, W. C.
A NEW APPROACH TO INTERDISCIPLINARY SEVENTH GRADE SCIENCE
AUTHOR, WESTERN MICHIGAN UNIVERSITY, DEPARTMENT OF BIOLOGY, KALAMAZOO
67 375
*CURRICULUM DEVELOPMENT, *ECOLOGY, *INQUIRY TRAINING, *SECONDARY SCHOOL SCIENCE, *SCIENCE ACTIVITIES, *TEACHING METHODS, *UNIFIED SCIENCE, BIOLOGY, CONCEPT TEACHING, CHEMISTRY, EVALUATION, EARTH SCIENCE, EDUCATIONAL OBJECTIVES, GENERAL SCIENCE, GRADE 7, INSTRUCTIONAL MATERIALS, PHYSICAL SCIENCES, SCIENCE COURSE IMPROVEMENT PROJECT, TEACHING GUIDES, 1967

395. SE 002 438 03 21 68 02 95 20 1 00 000 006
VAN DEVENTER, W. C.
TOWARD A "COMPARATIVE ANATOMY" OF THE CURRICULUM STUDIES
SCIENCE EDUCATION
04 00 66 5
*SCIENCE EDUCATION HISTORY, *CURRICULUM, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, *EDUCATIONAL OBJECTIVES, *SECONDARY SCHOOL SCIENCE, *SCIENCE EDUCATION, COLLEGE SCIENCE, CONCEPT FORMATION, EDUCATIONAL PROGRAMS, LEARNING, PROBLEM SOLVING, TEACHING METHODS

396. SE 003 301 06 06 68 02 09 22 3 51 000 279
VAN HORN, CHARLES
A COMPARISON BETWEEN TWO KINDS OF SECONDARY MATHEMATICS COURSES WITH RESPECT TO INTELLECTUAL CHANGES

EDRS, NATIONAL CASH REGISTER COMPANY

10 00 66 69
*CURRICULUM DEVELOPMENT, *LEARNING, *MATHEMATICS, *INSTRUCTION, *SECONDARY SCHOOL MATHEMATICS, *STUDENT CHARACTERISTICS, EDUCATIONAL OBJECTIVES, INSTRUCTIONAL MATERIALS, LEARNING THEORIES, UNIVERSITY OF ILLINOIS COMMITTEE ON SCHOOL MATHEMATICS

397. SE 003 463 09 05 68 02 92 17 2 22 000 319
VISHER, HALENE HATCHER
A DETERMINATION OF CONSERVATION PRINCIPLES AND CONCEPTS DESIRABLE FOR USE IN THE SECONDARY SCHOOLS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

60 161
*CONSERVATION EDUCATION, *CURRICULUM, *EDUCATIONAL OBJECTIVES, *SCIENTIFIC CONCEPTS, *SECONDARY SCHOOL SCIENCE, COURSE CONTENT, RESEARCH REPORTS

398. SE 003 340 09 04 68 02 91 29 1 13 000 323
VOGEL, ROBERT L.
INNER CITY CHILDREN STUDY OUTDOORS

ILLINOIS JOURNAL OF EDUCATION

12 00 66 1
*DISADVANTAGED YOUTH, *ELEMENTARY EDUCATION, *EDUCATIONAL PROGRAMS, *OUTDOOR EDUCATION, *PROGRAM DESCRIPTIONS, *URBAN EDUCATION, CURRICULUM DEVELOPMENT, GRADE 6, MATHEMATICS EDUCATION, PHYSICAL EDUCATION, SCIENCE EDUCATION, SOCIAL STUDIES

399. SE 002 519 04 03 68 02 91 20 1 00 000 007
WALBESSER, HENRY H.
SCIENCE CURRICULUM EVALUATION - OBSERVATIONS ON A POSITION

THE SCIENCE TEACHER

02 00 66 5
*BEHAVIOR DEVELOPMENT, *BEHAVIORAL OBJECTIVES, *CURRICULUM, *CURRICULU DEVELOPMENT, *EVALUATION, ELEMENTARY SCHOOL SCIENCE, INSTRUCTIONAL MATERIALS, INTERESTS, SCIENCE COURSE IMPROVEMENT PROJECT, AAAS COMMISSION ON SCIENCE EDUCATION, SCIENCE - A PROCESS APPROACH

400. SE 002 424 02 14 68 02 12 17 1 00 000 008
WALTERS, LOUIS L.
NINTH VERSUS TENTH GRADE BIOLOGY - A COMPARISON OF ACHIEVEMENT

JOURNAL OF RESEARCH IN SCIENCE TEACHING

63 4
*ACADEMIC ACHIEVEMENT, *BIOLOGY, *CURRICULUM DEVELOPMENT, *GRADE PLACEMENT, GRADE 9, GRADE 10, RESEARCH REPORTS, SECONDARY SCHOOL SCIENCE, 1962

401. SE 003 461 07 11 68 02 12 17 2 22 000 319
WALTERS, LOUIS LLOYD
A COMPARISON OF ACHIEVEMENT IN HIGH SCHOOL BIOLOGY WHEN TAUGHT TO NINTH GRADE AND TENTH GRADE PUPILS
UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN
61 210
*ACHIEVEMENT, *BIOLOGY, *CURRICULUM, GRADE PLACEMENT, *SECONDARY SCHOOL SCIENCE, ACADEMIC ACHIEVEMENT, DOCTORAL THESES, GRADE 9, GRADE 10, RESEARCH REPORTS, UNIVERSITY HIGH SCHOOL, UNIVERSITY OF MINNESOTA, NELSON BIOLOGY TEST, COOPERATIVE BIOLOGY TEST, 1957, 1958, 1959

402. SE 002 105 07 08 68 02 92 20 2 00 000 009
WATSON, FLETCHER G.
WHY DO WE NEED MORE PHYSICS COURSES?
THE PHYSICS TEACHER
05 00 67 2
*BIOLOGY, *CHEMISTRY, *CURRICULUM, *PHYSICS, *STUDENT ENROLLMENT, EARTH SCIENCE, EDUCATIONAL PROBLEMS, GENERAL SCIENCE, PHYSICAL SCIENCES, PHYSIOLOGY, SECONDARY SCHOOL SCIENCE

403. SE 002 939 07 08 68 02 13 29 1 00 000 199
WATT, KENNETH E. F.
AN EXPERIMENTAL GRADUATE TRAINING PROGRAM IN BIOMATHEMATICS
BIOSCIENCE
12 00 65 4
*COURSE DESCRIPTIONS, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PROGRAMS, *GRADUATE EDUCATION, BIOLOGY, COMPUTERS, MATHEMATICS, STATISTICS, SCIENCE COURSES

404. SE 002 324 08 24 67 03 82 29 1 00 000 007
WATTS, MELTHA AND WOODBURN, JOHN H.
NSTA INTERNATIONAL ACTIVITIES - THE 1965 IYSF AND EUROPEAN SUMMER TOUR FOR SCIENCE STUDENTS
THE SCIENCE TEACHER
12 00 65 2
*EDUCATIONAL PROGRAMS, INTERNATIONAL EDUCATION, *SECONDARY SCHOOL SCIENCE, PROGRAM DESCRIPTIONS, *STUDENT ACTIVITIES, NATIONAL SCIENCE TEACHERS ASSOCIATION, INTERNATIONAL YOUTH SCIENCE FORTNIGHT (IYSF)

405. SE 002 812 04 04 68 02 95 29 1 00 000 006
WEAVER, EDWARD K.
SCIENCE EDUCATION IN NIGERIA

SCIENCE EDUCATION

10 00 64 11
*CURRICULUM, *EDUCATIONAL OBJECTIVES, *INTERNATIONAL EDUCATION, *PROGRAM DESCRIPTIONS, *STUDENT EVALUATION, *SCIENCE EDUCATION, TEACHING METHODS, BIOLOGY, CHEMISTRY, ELEMENTARY SCHOOL SCIENCE, EDUCATIONAL PROBLEMS, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, PHYSICS, SECONDARY EDUCATION, TEACHER QUALIFICATIONS, SECONDARY SCHOOL SCIENCE, AFRICA, NIGERIA

406. SE 002 396 07 22 68 02 81 17 2 22 000 319
WEISS, IRVING J.
ENRICHING SCIENCE THROUGH OUTDOOR EDUCATION - A RESOURCE GUIDE FOR TEACHING THE USE OF THE PARK IN THE ELEMENTARY SCHOOLS

UNIVERSITY MICROFILMS, ANN ARBOR, MICHIGAN

61 185
*CURRICULUM, *ENRICHMENT PROGRAMS, *OUTDOOR EDUCATION, *PARKS, *RESOURCE GUIDES, *URBAN SCHOOLS, CURRICULUM ENRICHMENT, DOCTORAL THESES, ELEMENTARY SCHOOL SCIENCE, FIELD TRIPS, INSTRUCTION, RESEARCH REPORTS, NEW YORK CITY

407. SE 003 851 09 10 68 02 15 20 1 00 000 006
WERNER, HENRY JAMES
HIGH SCHOOL BIOLOGY AND ITS RELATION TO ZOOLOGY I AT LOUISIANA STATE UNIVERSITY

SCIENCE EDUCATION

04 00 61 3
*BIOLOGY, *CURRICULUM, *COLLEGE SCIENCE, *SECONDARY SCHOOL SCIENCE, COMPARATIVE ANALYSIS, CURRICULUM PLANNING, EVALUATION, UNDERGRADUATE STUDY, ZOOLOGY, LOUISIANA STATE UNIVERSITY

408. SE 003 294 09 09 68 02 91 29 1 00 000 022
WEST, ROLAND
MERGER OF SOCIAL STUDIES AND SCIENCE IN SIXTH GRADE

THE ELEMENTARY SCHOOL JOURNAL

05 00 58 3
*CURRICULUM, *ELEMENTARY SCHOOL SCIENCE, *INTEGRATED CURRICULUM, *SCIENCES, *SOCIAL STUDIES, COURSE CONTENT, EDUCATIONAL OBJECTIVES, GRADE 6, PROGRAM DESCRIPTIONS

409. SE 002 216 02 07 68 02 86 16 1 48 000 200
WEST VIRGINIA STATE DEPARTMENT OF EDUCATION
SCHOOL LUNCH AND THE CURRICULUM - A TEACHER'S HANDBOOK

WEST VIRGINIA STATE DEPARTMENT OF EDUCATION

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*CURRICULUM, *ELEMENTARY EDUCATION, *NUTRITION, *SECONDARY EDUCATION, *TEACHING GUIDES, CURRICULUM GUIDES, INSTRUCTION, WEST VIRGINIA, CHARLESTON

410. SE 002 894 11 20 67 02 81 22 3 51 000 279
WESTMEYER, PAUL AND OTHERS
A COMPARISON OF VARIOUS TECHNIQUES FOR THE DISSEMINATION OF A NEW SCIENCE CURRICULUM IN FLORIDA

UNITED STATES DEPARTMENT OF HEW, OFFICE OF EDUCATION

03 00 67 142
*ELEMENTARY SCHOOL SCIENCE, *TEACHER EDUCATION, CURRICULUM DEVELOPMENT, GRADE 1, GRADE 2, GRADE 3, INSERVICE TEACHER EDUCATION, SCIENCE INSTITUTES, SCIENCE COURSE IMPROVEMENT PROJECT

411. SE 003 965 09 09 68 02 09 22 2 00 000 469
WHITE, STEPHEN
STUDENTS, SCHOLARS, AND PARENTS

DOUBLEDAY AND COMPANY, INC.

66 143
*CURRICULUM, *CURRICULUM DEVELOPMENT, *EDUCATIONAL PHILOSOPHY, *EDUCATIONAL OBJECTIVES, *MATHEMATICS EDUCATION, *SCIENCE EDUCATION, COURSE CONTENT, DISCOVERY LEARNING, INSTRUCTION, LEARNING, TEACHING TECHNIQUES, TEACHING METHODS

412. SE 003 746 09 18 68 02 13 17 3 51 000 780
WILDS, PRESTON LEA AND ZACHERT, VIRGINIA
EFFECTIVENESS OF A PROGRAMMED TEXT IN TEACHING GYNECOLOGIC ONCOLOGY TO JUNIOR MEDICAL STUDENTS

EDRS, NATIONAL CASH REGISTER COMPANY

01 00 66 370
*ACADEMIC ACHIEVEMENT, *CURRICULUM DEVELOPMENT, *EVALUATION, *MEDICAL EDUCATION, *MATERIAL DEVELOPMENT, *PROGRAMED MATERIALS, BIOLOGY, COLLEGE SCIENCE, COURSE CONTENT, HIGHER EDUCATION, INSTRUCTIONAL MATERIALS, STUDENT ATTITUDES, TEACHING METHODS, UNDERGRADUATE STUDY, RESEARCH REPORTS, GEORGIA, TITLE VII, 1966

413. SE 002 810 11 08 67 03 95 20 1 00 000 006
WILKINSON, PAUL A.
SCIENCE EDUCATION IN EUROPE

SCIENCE EDUCATION

10 00 64 5
*CURRICULUM, *EDUCATIONAL PROGRAMS, *EDUCATIONAL PHILOSOPHY, *ELEMENTARY SCHOOL SCIENCE, *GENERAL EDUCATION, *HIGHER EDUCATION, *SCIENCE EDUCATION, *SECONDARY EDUCATION, ELEMENTARY EDUCATION, SECONDARY SCHOOL SCIENCE, EUROPE, GENERAL SCIENCE

414. SE 002 123 02 07 68 02 11 20 1 00 000 001
WILLIAMSON, STANLEY E.
BIOLOGY IN THE ELEMENTARY SCHOOL

AMERICAN BIOLOGY TEACHER

05 00 67 3
*BIOLOGY, *CURRICULUM DEVELOPMENT, *ELEMENTARY SCHOOL SCIENCE, SCIENCE EDUCATION HISTORY, PAPER, SCIENCE COURSE IMPROVEMENT PROJECT, AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE COMMISSION ON SCIENCE EDUCATION, ELEMENTARY SCIENCE STUDY, ELEMENTARY SCIENCE STUDY PROJECT, SCIENCE CURRICULUM IMPROVEMENT PROJECT

415. SE 003 481 04 29 68 02 12 17 1 00 000 004
WIMBERLY, ROBERT C. AND BUELL, ROBERT R.
BSCS BIOLOGY IN OHIO HIGH SCHOOLS IN 1966

SCHOOL SCIENCE AND MATHEMATICS

11 00 67 4
*BIOLOGY, *CURRICULUM, *SECONDARY SCHOOL SCIENCE, *TEACHER OPINION, ADMINISTRATOR ATTITUDES, ABILITY GROUPING, PROGRAM COSTS, RESEARCH REPORTS, SOCIOECONOMIC STATUS, TEACHER EDUCATION, BIOLOGICAL SCIENCES CURRICULUM STUDY, NATIONAL SCIENCE FOUNDATION, 1966

416. SE 002 867 02 23 68 02 83 20 1 00 000 006
WINTHROP, HENRY
INTERDISCIPLINARY DEVELOPMENTS IN UNDERGRADUATE EDUCATION

SCIENCE EDUCATION

12 00 65 10
*APPLIED SCIENCE, *COLLEGE SCIENCE, *CURRICULUM DEVELOPMENT, *INTERDISCIPLINARY STUDIES, *MATHEMATICS, *PAPERS, *NATURAL SCIENCES, *TECHNOLOGY, ENGINEERING, UNDERGRADUATE STUDY

417. SE 002 868 04 18 68 23 95 20 2 00 000 006
WINTHROP, HENRY
TEACHING THE HISTORY OF SCIENCE - SOME SUGGESTED INNOVATIONS IN METHOD

SCIENCE EDUCATION

12 00 65 13
*BIBLIOGRAPHIES, *COLLEGE SCIENCE, *COURSE DESCRIPTIONS, *CURRICULUM, *SCIENCE HISTORY, *INSTRUCTION, EDUCATIONAL OBJECTIVES, SCIENCE COURSES

418. SE 003 407 04 30 68 02 92 29 2 00 000 384
WITTY, PAUL A. AND BLOOM, SAMUEL W.
SCIENCE PROVISIONS FOR THE GIFTED

EXCEPTIONAL CHILDREN

05 00 54 5
*ABLE STUDENTS, *ABILITY IDENTIFICATION, *CURRICULUM DEVELOPMENT, EDUCATIONAL PROGRAMS, *SECONDARY SCHOOL SCIENCE, ADVANCED PLACEMENT PROGRAMS, ACCELERATED PROGRAMS, BIOLOGY, CHEMISTRY, PHYSICS, PROGRAM DESCRIPTIONS

419. SE 002 604 07 08 68 02 93 29 1 00 000 002
WOOD, ELIZABETH A.
PHYSICAL SCIENCE FOR NONSCIENCE STUDENTS PROJECT AT RENSSELAER POLYTECHNIC INSTITUTE

AMERICAN JOURNAL OF PHYSICS

09 00 66 4
*CHEMISTRY, *COLLEGE SCIENCE, *EDUCATIONAL PROGRAMS, *GENERAL EDUCATION, *PHYSICS, *PROGRAM DESCRIPTIONS, *SCIENCE COURSE IMPROVEMENT PROJECT, CURRICULUM, PHYSICAL SCIENCE FOR NONSCIENCE STUDENTS PROJECT, NATIONAL SCIENCE FOUNDATION

420. SE 002 468 09 27 67 03 91 29 1 00 000 008
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